

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080289.D
 Acq On : 28 Nov 2023 11:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 29 00:32:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	230895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	186754	48.985	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.980%		
35) Dibromofluoromethane	8.165	113	138462	52.058	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.120%		
50) Toluene-d8	10.565	98	484011	50.481	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.960%		
62) 4-Bromofluorobenzene	12.847	95	184521	50.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	148155	43.077	ug/l	97
3) Chloromethane	2.366	50	117489	45.436	ug/l	99
4) Vinyl Chloride	2.518	62	125652	45.917	ug/l	97
5) Bromomethane	2.948	94	85883	46.231	ug/l	97
6) Chloroethane	3.118	64	83493	49.328	ug/l	99
7) Trichlorofluoromethane	3.501	101	251951	44.137	ug/l	99
8) Diethyl Ether	3.960	74	84366	50.818	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	120675	46.251	ug/l	97
10) Methyl Iodide	4.589	142	141537	50.195	ug/l #	87
11) Tert butyl alcohol	5.507	59	102377	244.191	ug/l	99
12) 1,1-Dichloroethene	4.342	96	110221	45.165	ug/l #	75
13) Acrolein	4.171	56	99525	268.239	ug/l	95
14) Allyl chloride	5.024	41	141207	45.990	ug/l	94
15) Acrylonitrile	5.712	53	271894	241.578	ug/l	98
16) Acetone	4.418	43	261918	204.542	ug/l	96
17) Carbon Disulfide	4.707	76	292655	40.163	ug/l	99
18) Methyl Acetate	5.024	43	199809	48.565	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	440282	51.087	ug/l	98
20) Methylene Chloride	5.271	84	139521	52.029	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	126718	47.266	ug/l	84
22) Diisopropyl ether	6.671	45	360577	53.080	ug/l	98
23) Vinyl Acetate	6.601	43	985211	241.243	ug/l	94
24) 1,1-Dichloroethane	6.565	63	238531	48.211	ug/l	99
25) 2-Butanone	7.477	43	323862	212.872	ug/l	94
26) 2,2-Dichloropropane	7.489	77	229684	46.792	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	154762	50.916	ug/l	88
28) Bromochloromethane	7.812	49	103726	53.327	ug/l	97
29) Tetrahydrofuran	7.836	42	200884	245.941	ug/l	92
30) Chloroform	7.965	83	286065	51.730	ug/l	94
31) Cyclohexane	8.259	56	164787	39.745	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	260310	48.269	ug/l	99
36) 1,1-Dichloropropene	8.371	75	184110	47.811	ug/l	96
37) Ethyl Acetate	7.559	43	133707	50.058	ug/l	96
38) Carbon Tetrachloride	8.359	117	232307	47.539	ug/l	100
39) Methylcyclohexane	9.600	83	166775	44.917	ug/l #	89
40) Benzene	8.606	78	550814	50.328	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78112	53.251	ug/l	92
42) 1,2-Dichloroethane	8.671	62	232826	51.998	ug/l	96
43) Isopropyl Acetate	8.689	43	225660	43.414	ug/l	98
44) Trichloroethene	9.353	130	147072	51.229	ug/l	97
45) 1,2-Dichloropropane	9.618	63	133328	52.421	ug/l	99
46) Dibromomethane	9.706	93	103175	53.590	ug/l	91
47) Bromodichloromethane	9.889	83	229735	54.246	ug/l	93
48) Methyl methacrylate	9.683	41	137493	51.329	ug/l	89
49) 1,4-Dioxane	9.694	88	44033	988.124	ug/l	90
51) 4-Methyl-2-Pentanone	10.441	43	671245	249.438	ug/l	98
52) Toluene	10.630	92	354226	51.717	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	229628	52.773	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	245308	55.182	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	142017	54.326	ug/l	98
56) Ethyl methacrylate	10.877	69	149293	55.903	ug/l	91
57) 1,3-Dichloropropane	11.165	76	244869	53.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	381689	253.693	ug/l	97
59) 2-Hexanone	11.194	43	497587	230.109	ug/l	98
60) Dibromochloromethane	11.359	129	172576	55.141	ug/l	99
61) 1,2-Dibromoethane	11.471	107	138211	51.824	ug/l	99
64) Tetrachloroethene	11.106	164	145867	56.357	ug/l	96
65) Chlorobenzene	11.894	112	378590	49.264	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	158253	53.065	ug/l	94
67) Ethyl Benzene	11.965	91	673515	49.252	ug/l	96
68) m/p-Xylenes	12.071	106	505764	101.438	ug/l	88
69) o-Xylene	12.400	106	246437	52.446	ug/l	90
70) Styrene	12.412	104	375245	53.654	ug/l	94
71) Bromoform	12.583	173	115184	52.082	ug/l #	100
73) Isopropylbenzene	12.694	105	622689	48.474	ug/l	99
74) N-amyl acetate	12.494	43	180130	44.966	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	170638	44.383	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	168767m	41.667	ug/l	
77) Bromobenzene	12.982	156	164454	50.778	ug/l	96
78) n-propylbenzene	13.035	91	705399	49.107	ug/l	98
79) 2-Chlorotoluene	13.124	91	465431	49.887	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	555324	49.661	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	58069	48.438	ug/l #	79
82) 4-Chlorotoluene	13.224	91	473124	49.501	ug/l	96
83) tert-Butylbenzene	13.441	119	428208	47.752	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	556604	50.550	ug/l	97
85) sec-Butylbenzene	13.618	105	547618	48.274	ug/l	100
86) p-Isopropyltoluene	13.730	119	510340	50.361	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	283050	48.508	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	286054	48.782	ug/l	97
89) n-Butylbenzene	14.059	91	408365	48.146	ug/l	99
90) Hexachloroethane	14.335	117	89768	45.439	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	278753	49.922	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	39893	44.672	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	146510	45.113	ug/l	98
94) Hexachlorobutadiene	15.500	225	79674	42.632	ug/l	98
95) Naphthalene	15.641	128	401806	42.666	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	138703	45.566	ug/l	99

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QLast Update : Fri Nov 17 01:19:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

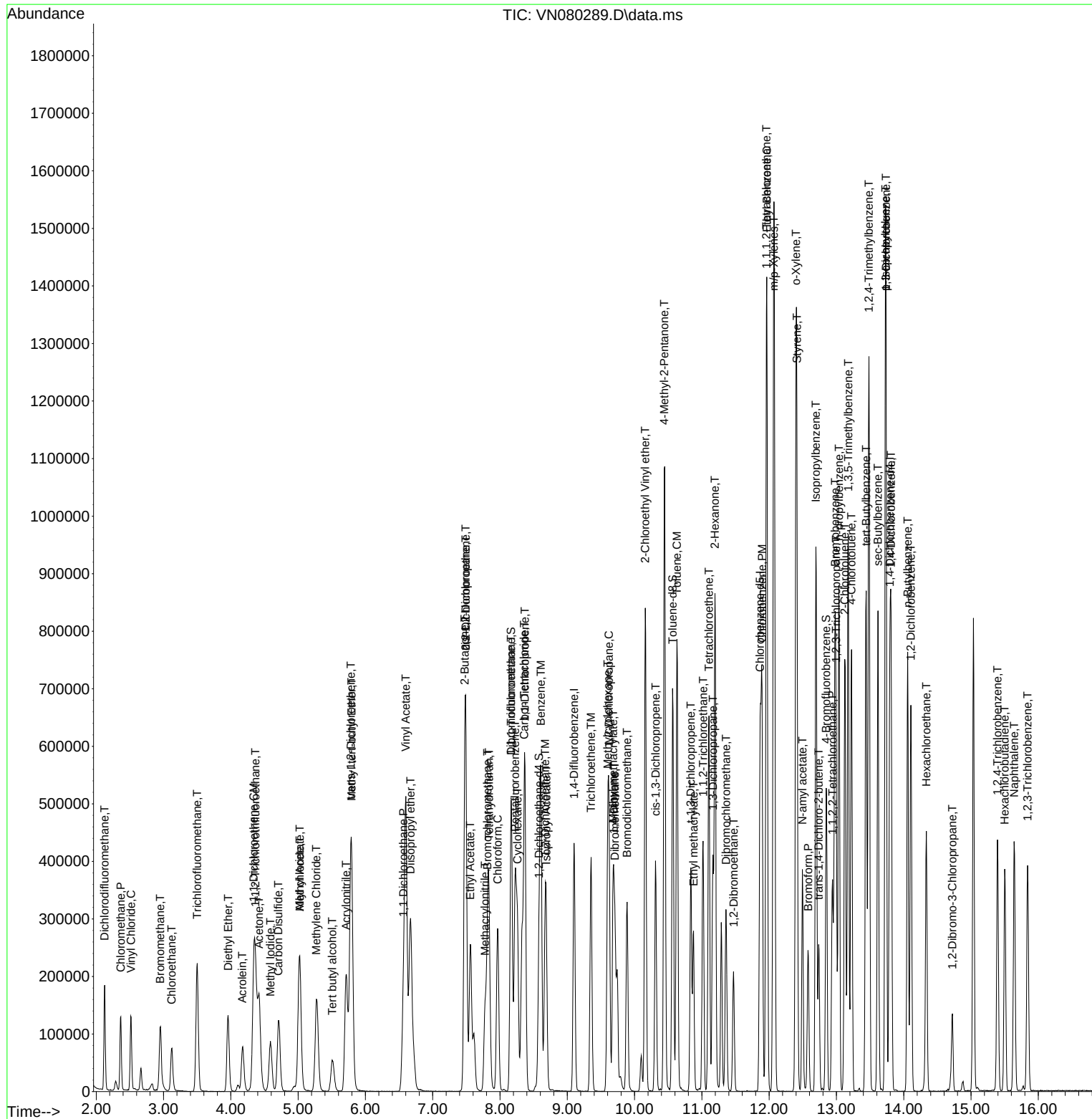
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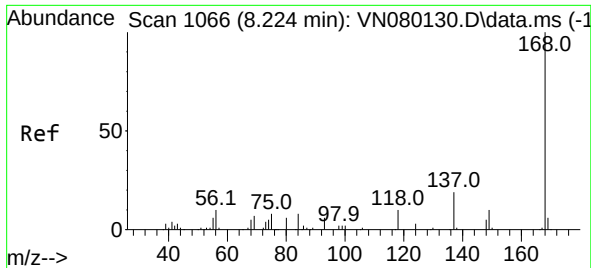
Instrument :
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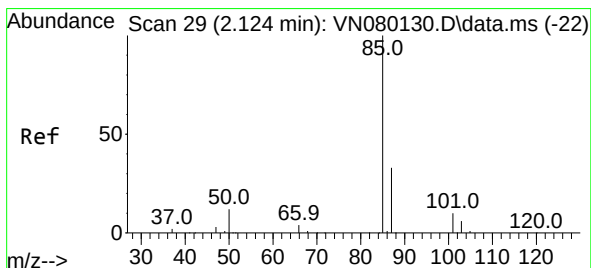
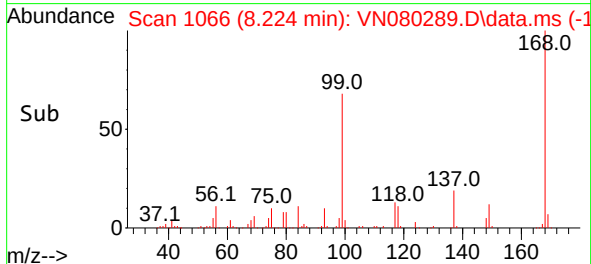
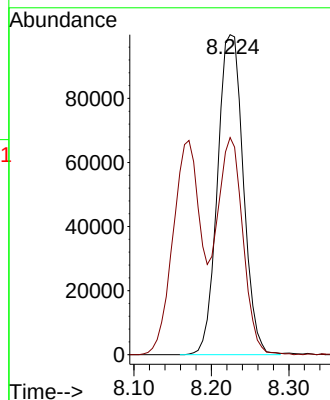
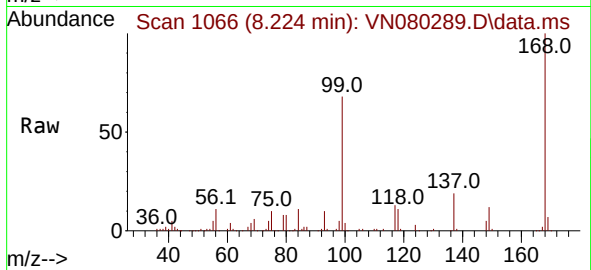
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080289.D
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Tgt Ion:168 Resp: 230895
Ion Ratio Lower Upper
168 100
99 67.4 53.0 79.6

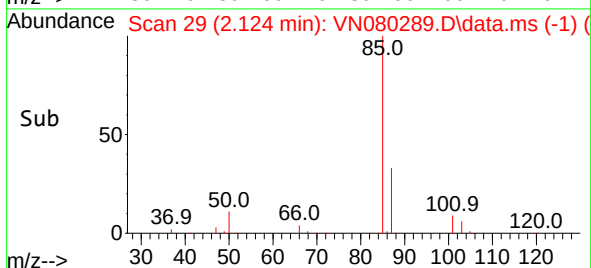
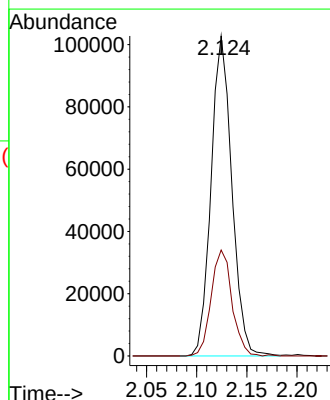
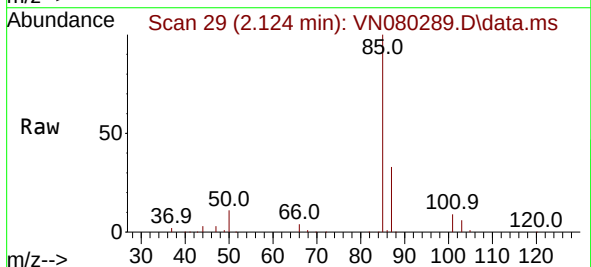
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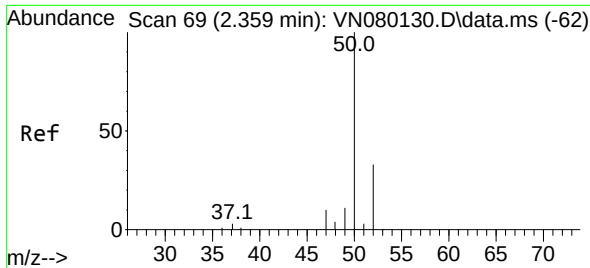
Reviewed By :John Carlone 11/29/2023
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#2
Dichlorodifluoromethane
Concen: 43.077 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 85 Resp: 148155
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





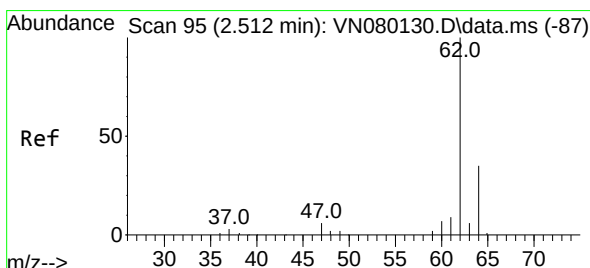
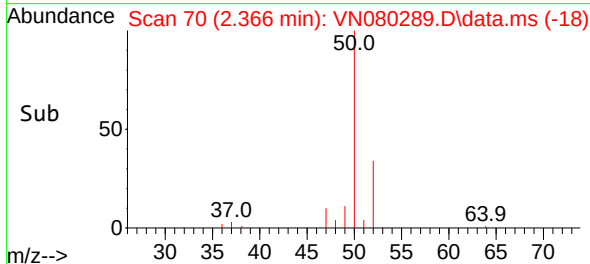
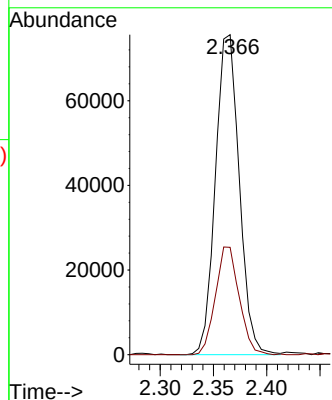
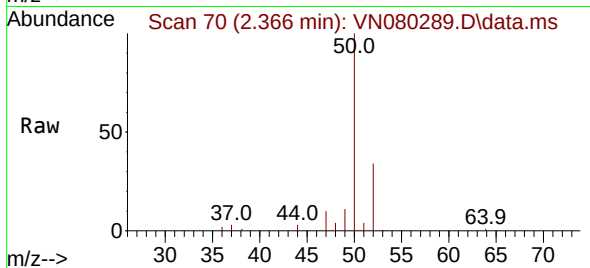
#3
Chloromethane
Concen: 45.436 ug/l
RT: 2.366 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 117489
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

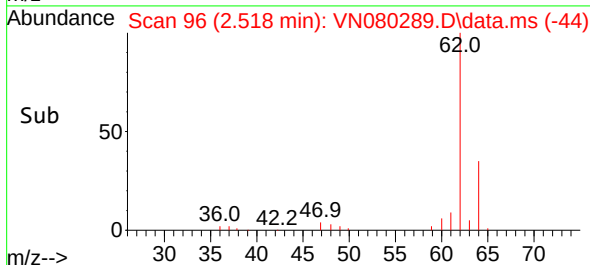
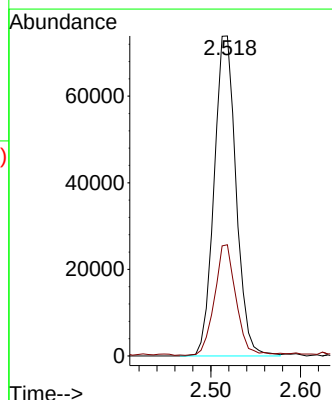
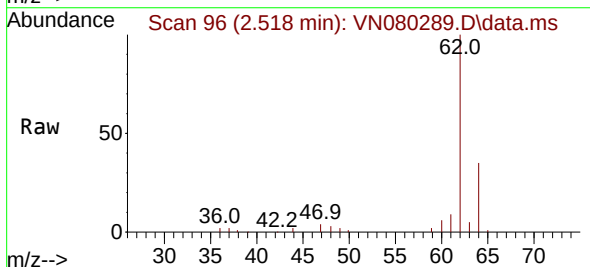
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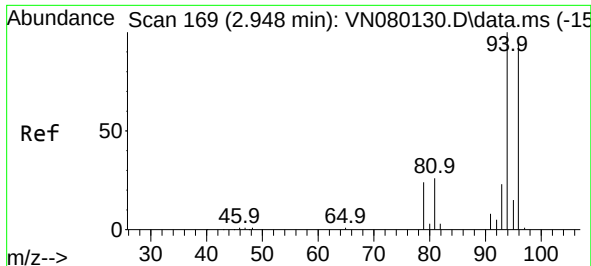
Reviewed By :John Carlone 11/29/2023
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#4
Vinyl Chloride
Concen: 45.917 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 62 Resp: 125652
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2





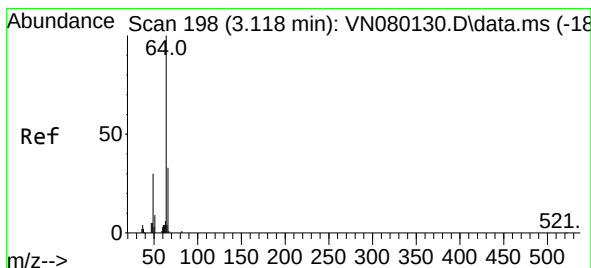
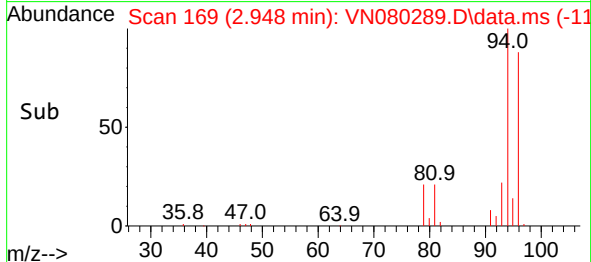
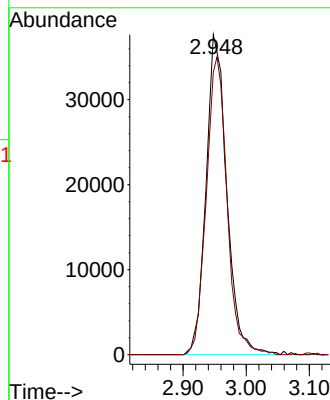
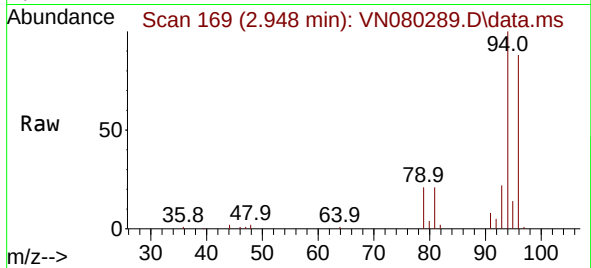
#5
Bromomethane
Concen: 46.231 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN080289.D
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Tgt Ion: 94 Resp: 8588
Ion Ratio Lower Upper
94 100
96 88.3 73.1 109.7

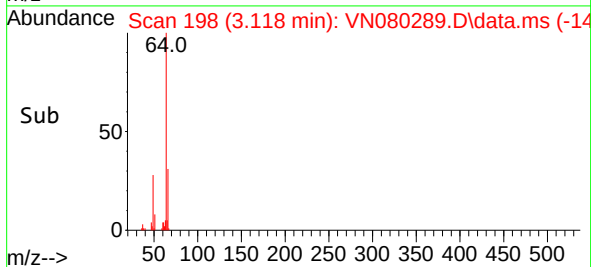
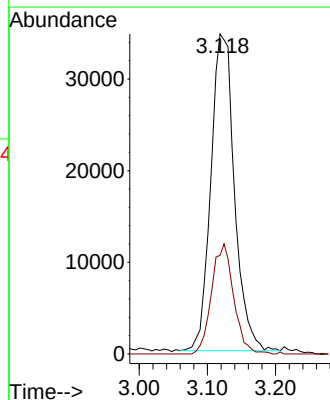
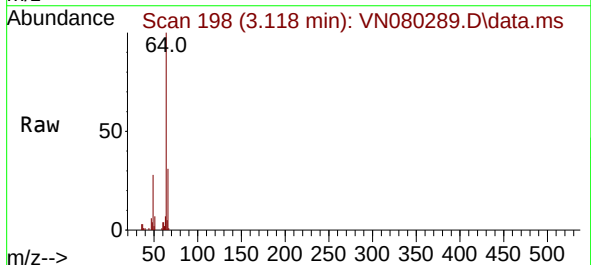
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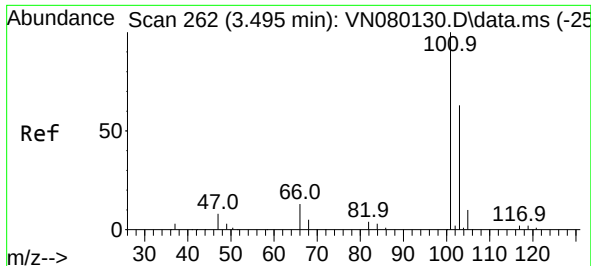
Reviewed By :John Carlone 11/29/2023
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#6
Chloroethane
Concen: 49.328 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 64 Resp: 83493
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





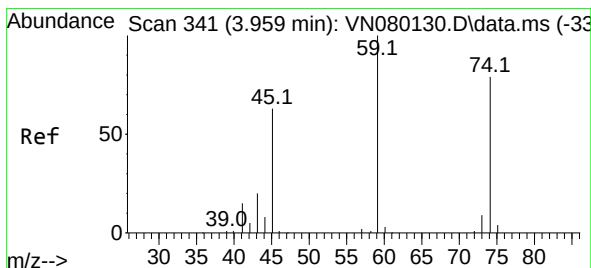
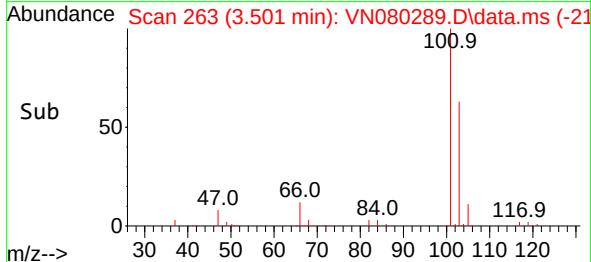
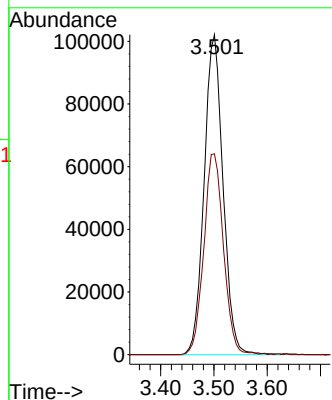
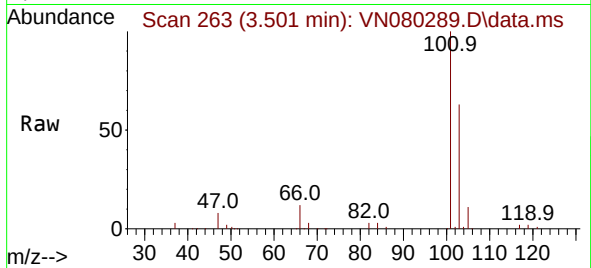
#7
Trichlorofluoromethane
Concen: 44.137 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
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Tgt Ion:101 Resp: 25195
Ion Ratio Lower Upper
101 100
103 62.7 50.7 76.1

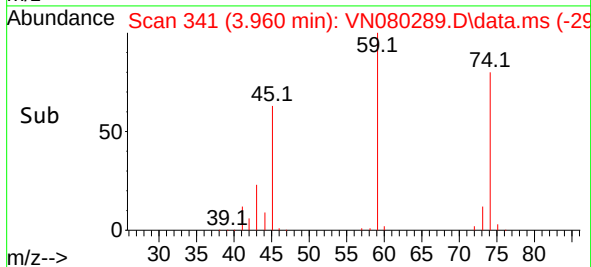
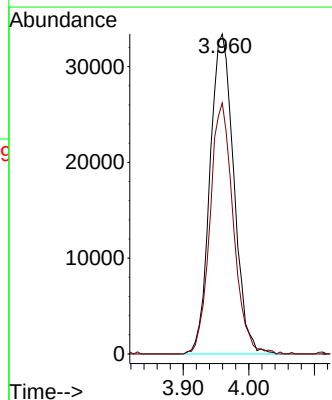
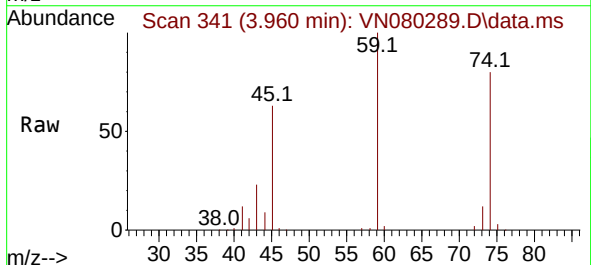
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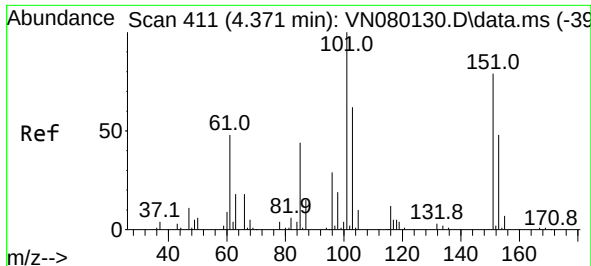
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#8
Diethyl Ether
Concen: 50.818 ug/l
RT: 3.960 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 74 Resp: 84366
Ion Ratio Lower Upper
74 100
45 76.7 34.4 103.3





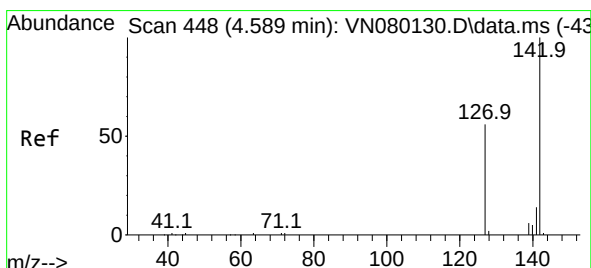
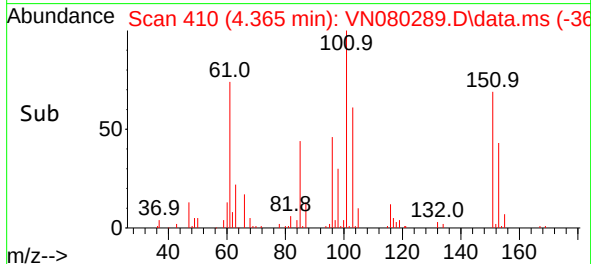
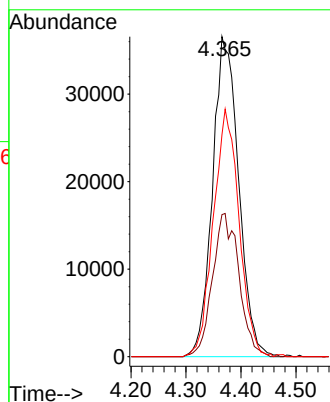
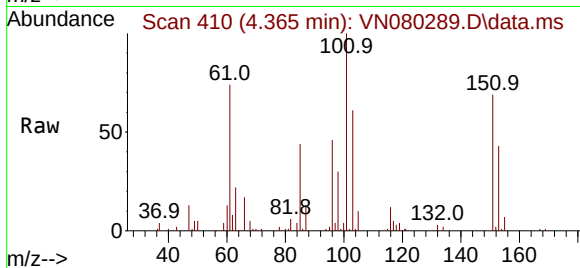
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.251 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 120679
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 76.2 57.6 86.4

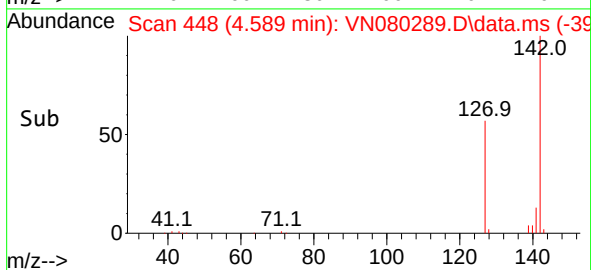
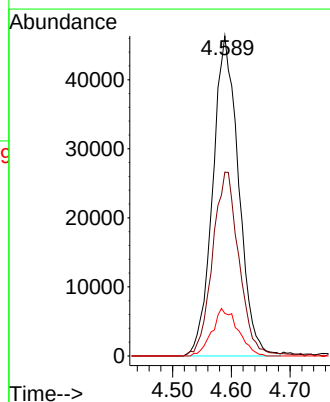
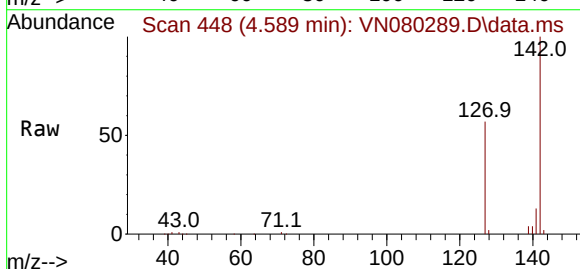
Manual Integrations
APPROVED

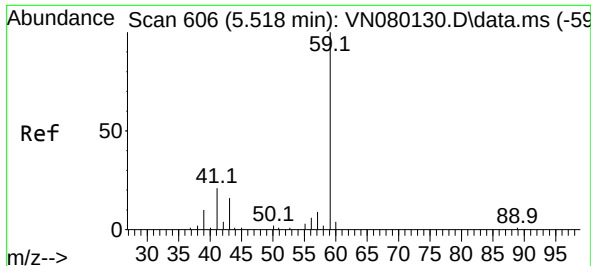
Reviewed By :John Carbone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#10
Methyl Iodide
Concen: 50.195 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion:142 Resp: 141537
Ion Ratio Lower Upper
142 100
127 57.5 37.6 56.4#
141 13.3 11.4 17.0





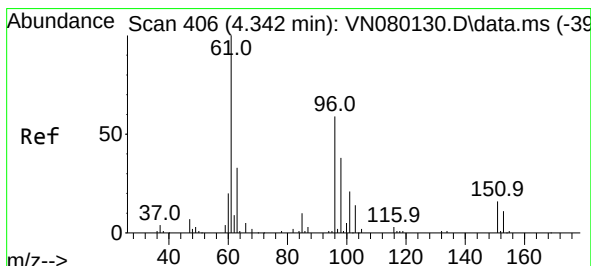
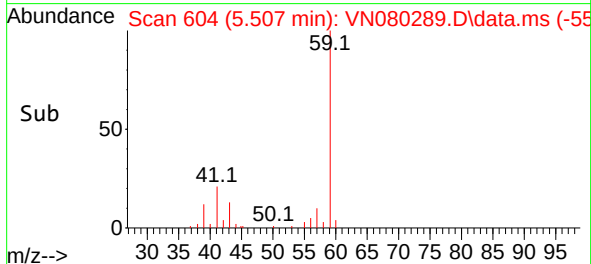
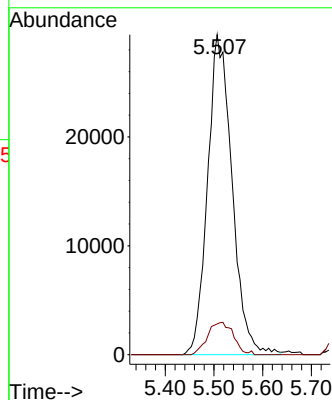
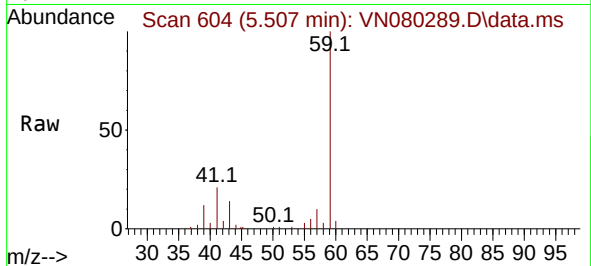
#11
Tert butyl alcohol
Concen: 244.191 ug/l
RT: 5.507 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 10237
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

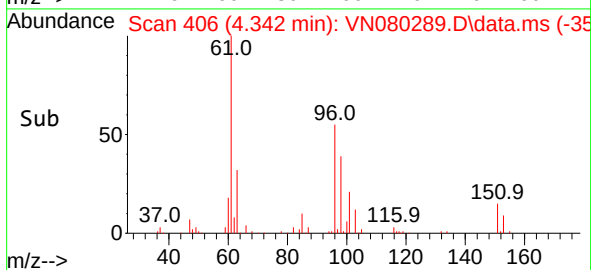
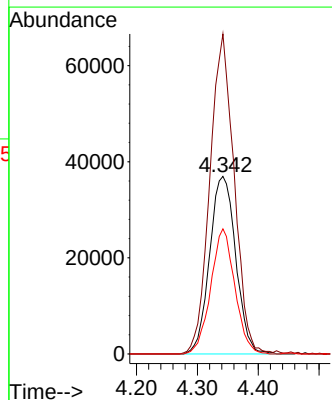
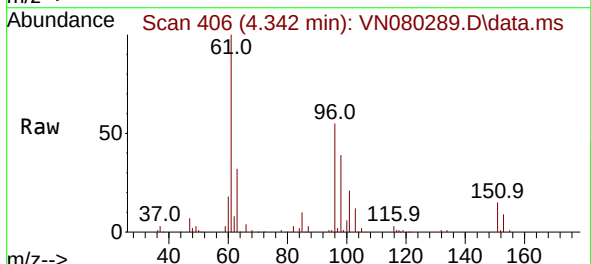
Manual Integrations
APPROVED

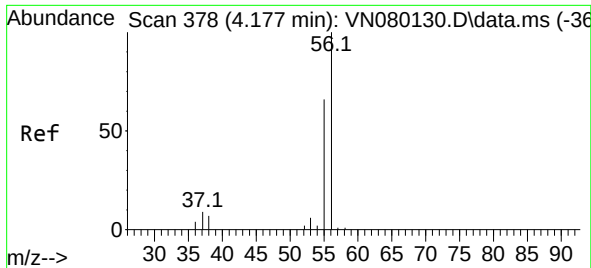
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#12
1,1-Dichloroethene
Concen: 45.165 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

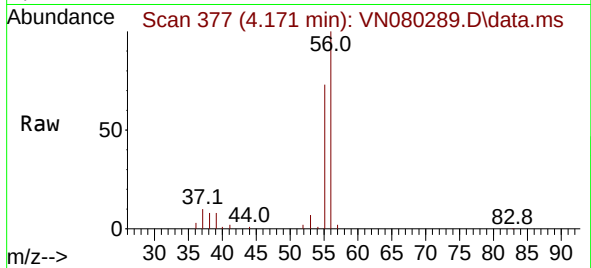
Tgt Ion: 96 Resp: 110221
Ion Ratio Lower Upper
96 100
61 180.2 112.7 169.1#
98 70.5 51.2 76.8





#13
Acrolein
Concen: 268.239 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

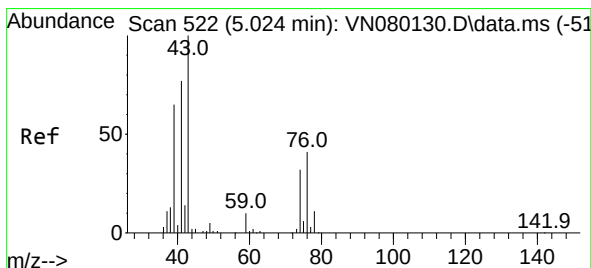
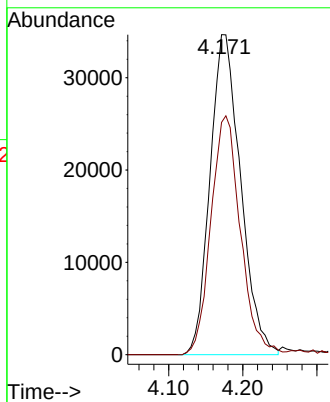
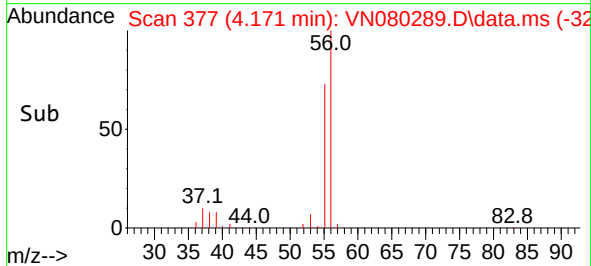
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9952
Ion Ratio Lower Upper
56 100
55 71.9 54.5 81.7

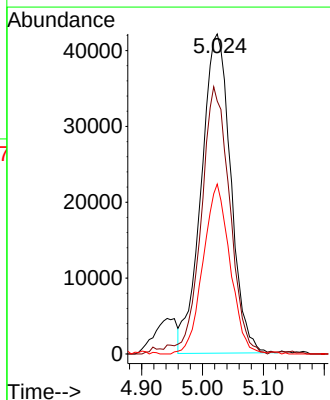
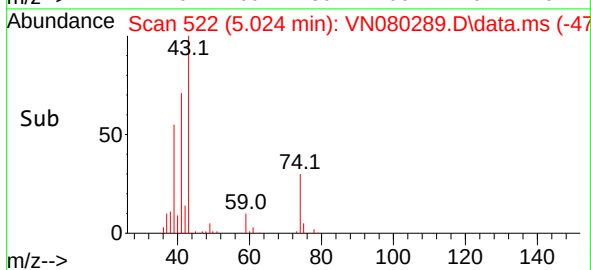
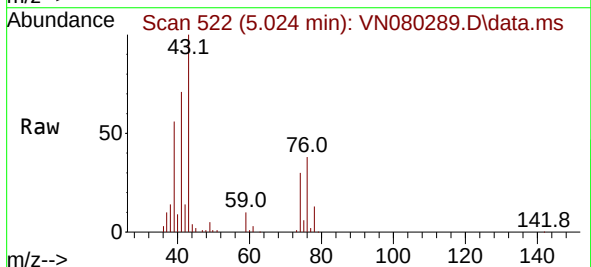
Manual Integrations
APPROVED

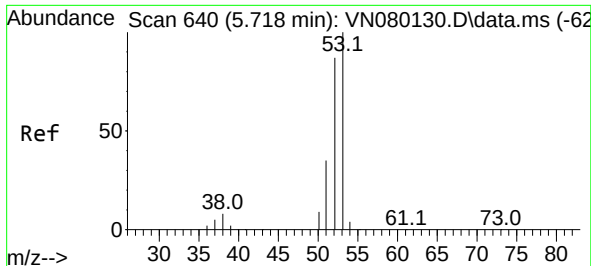
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#14
Allyl chloride
Concen: 45.990 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

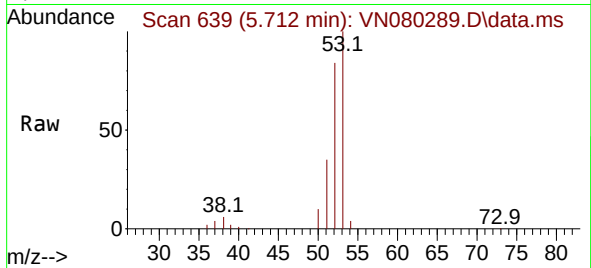
Tgt Ion: 41 Resp: 141207
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 48.7 39.1 58.7





#15
Acrylonitrile
Concen: 241.578 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

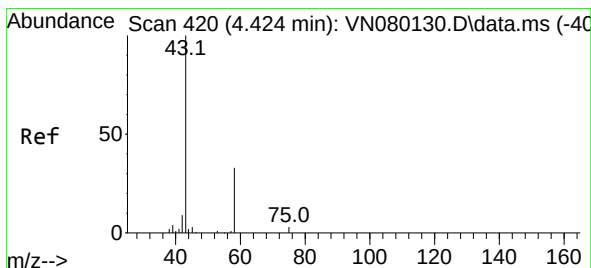
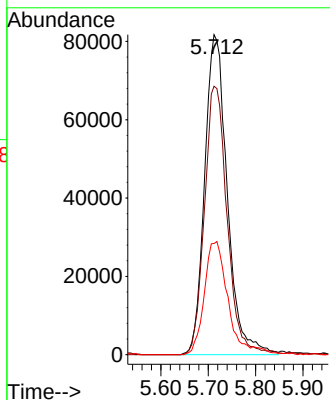
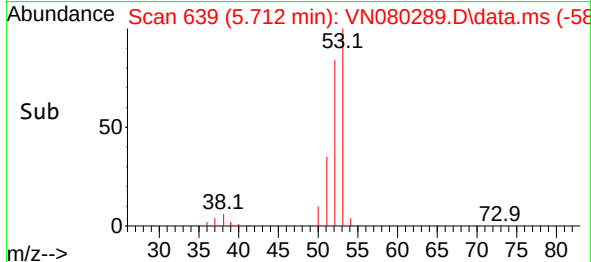
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 271894
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 37.3 28.9 43.3

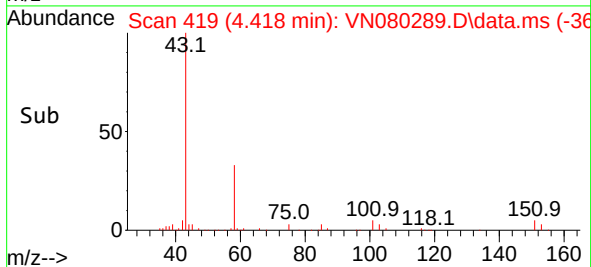
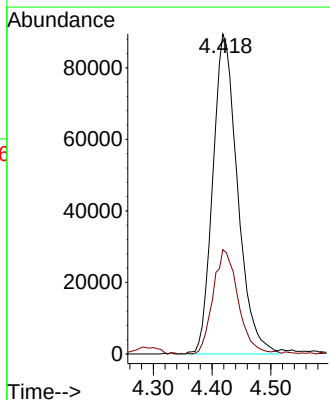
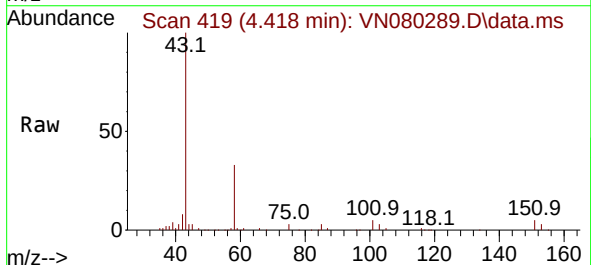
Manual Integrations
APPROVED

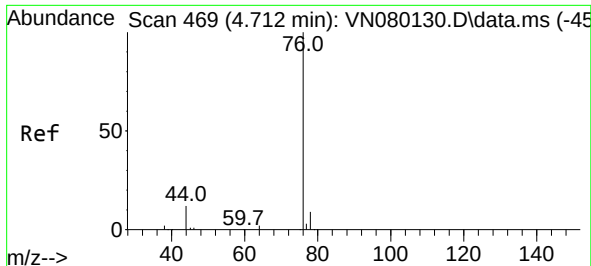
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#16
Acetone
Concen: 204.542 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 43 Resp: 261918
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





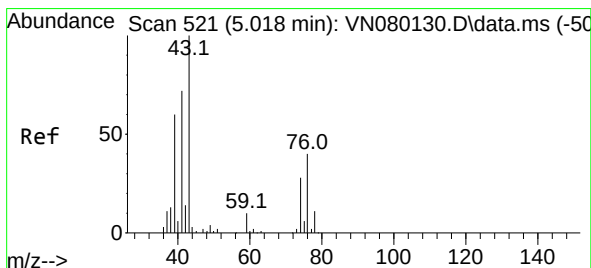
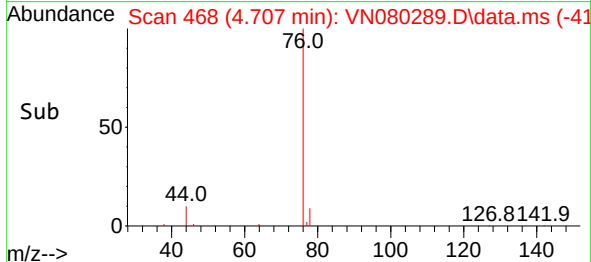
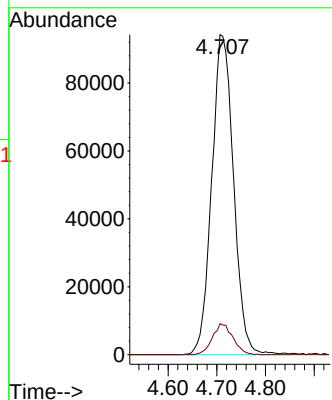
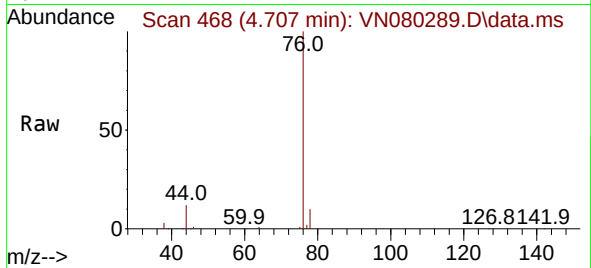
#17
Carbon Disulfide
Concen: 40.163 ug/l
RT: 4.707 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 29265
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

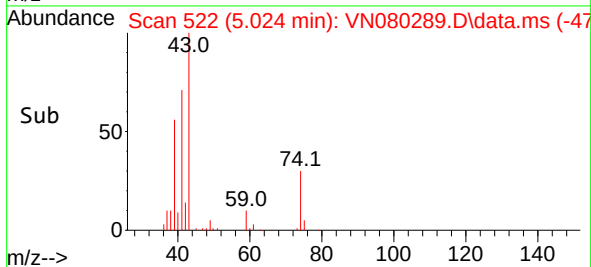
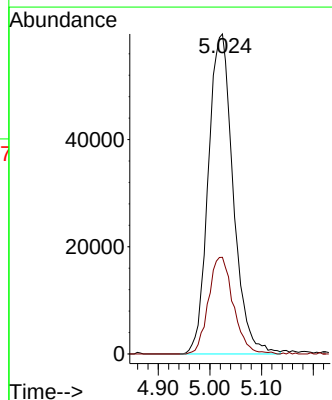
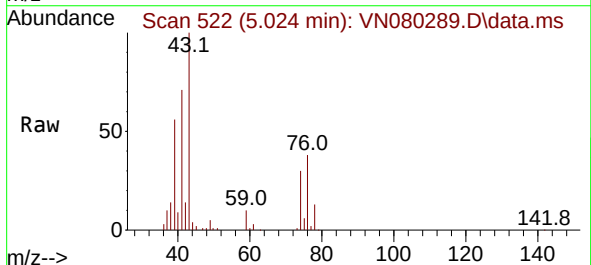
Manual Integrations
APPROVED

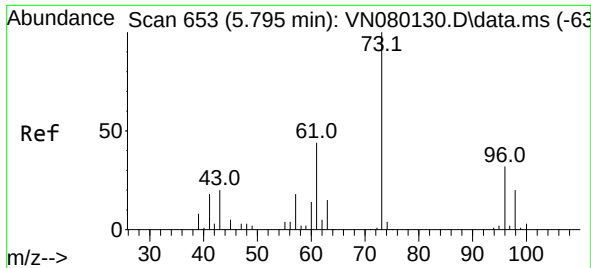
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#18
Methyl Acetate
Concen: 48.565 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 43 Resp: 199809
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4





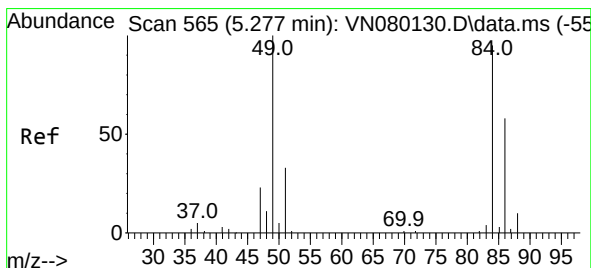
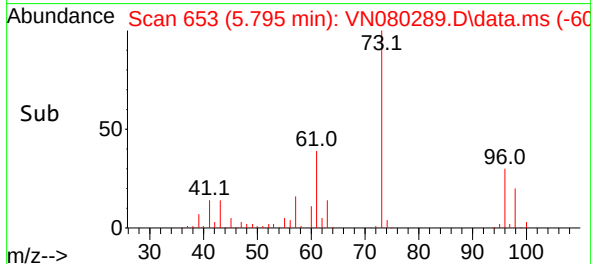
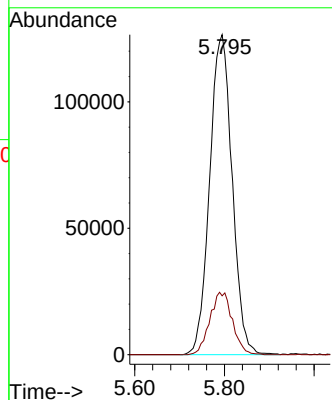
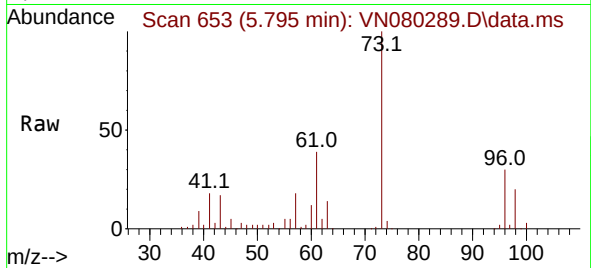
#19
Methyl tert-butyl Ether
Concen: 51.087 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 44028
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4

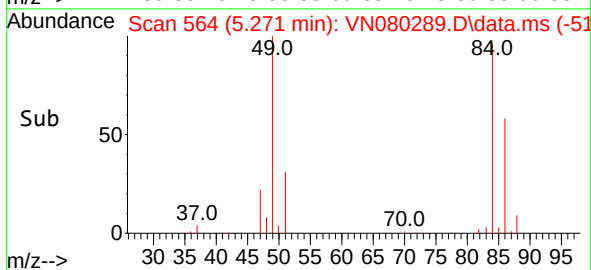
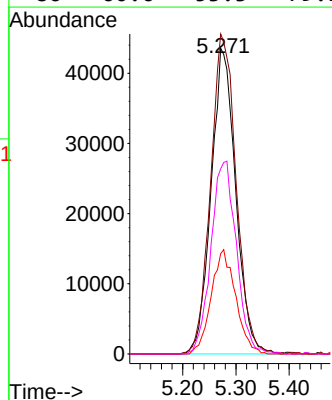
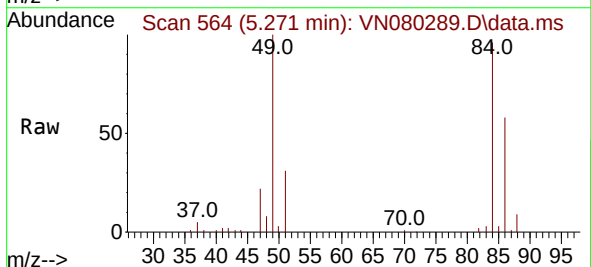
Manual Integrations
APPROVED

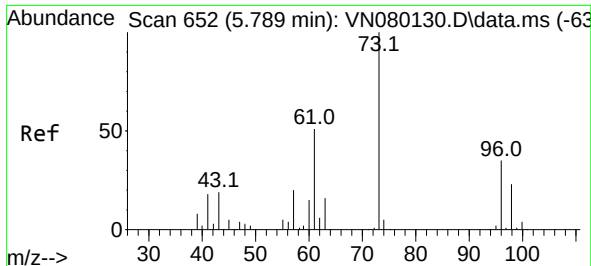
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#20
Methylene Chloride
Concen: 52.029 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

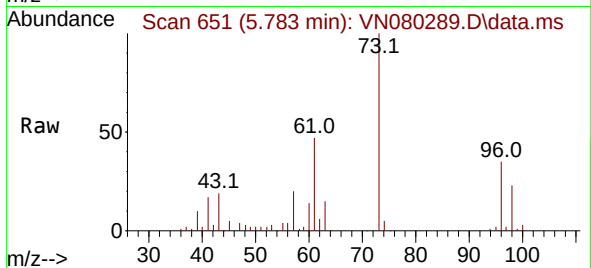
Tgt Ion: 84 Resp: 139521
Ion Ratio Lower Upper
84 100
49 104.7 79.7 119.5
51 32.8 25.2 37.8
86 60.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.266 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

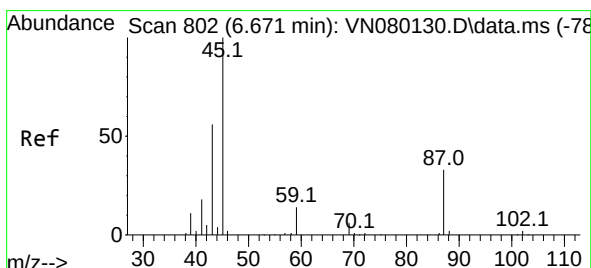
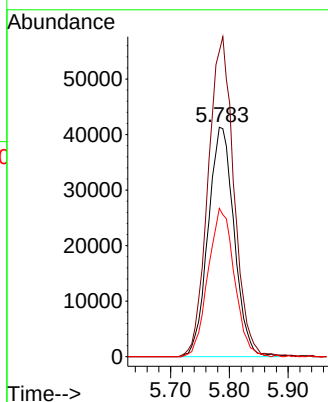
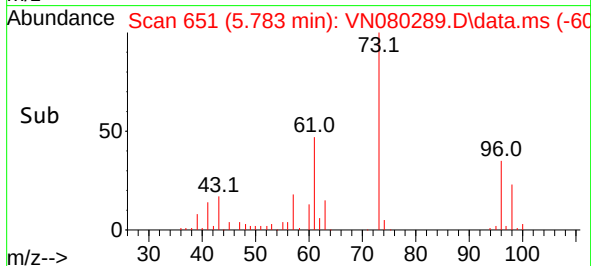
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 126718
Ion Ratio Lower Upper
96 100
61 133.1 90.1 135.1
98 64.7 46.4 69.6

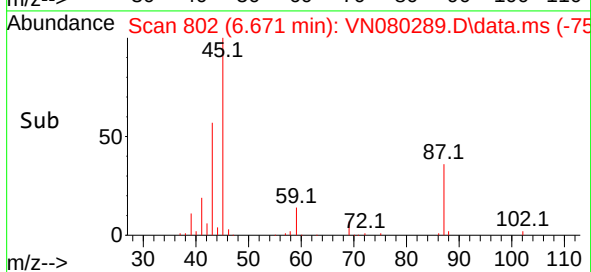
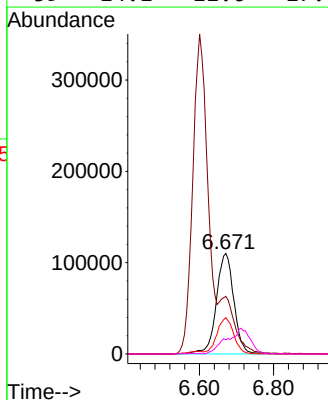
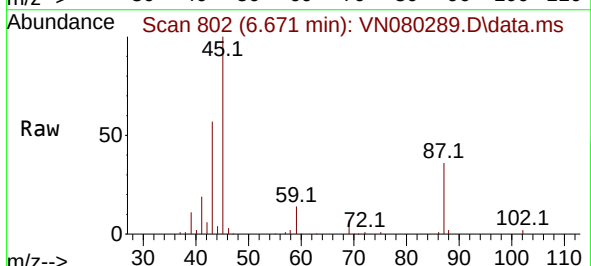
Manual Integrations
APPROVED

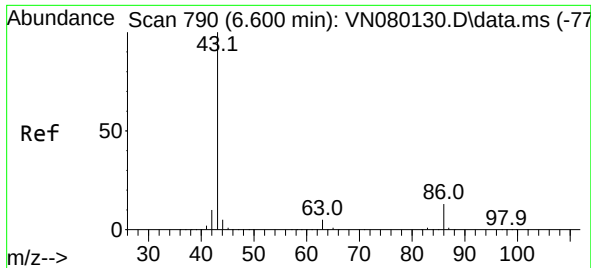
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#22
Diisopropyl ether
Concen: 53.080 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 45 Resp: 360577
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 36.2 31.8 47.8
59 14.1 11.6 17.4





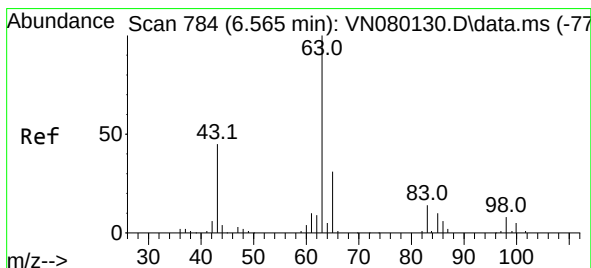
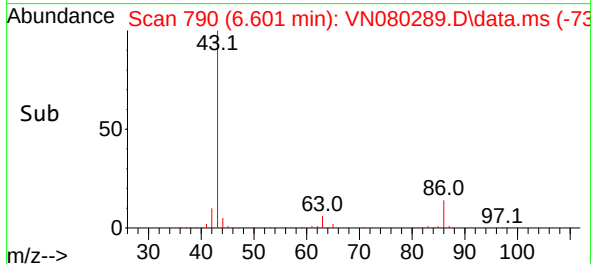
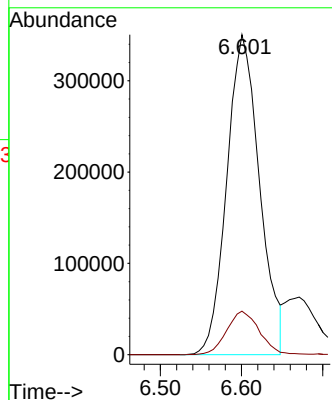
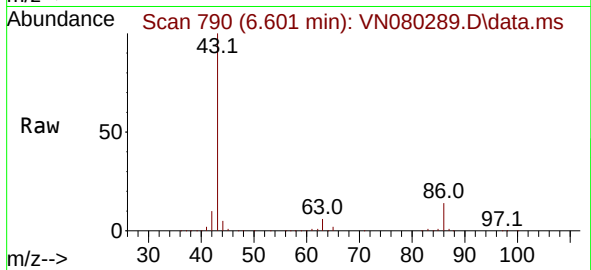
#23
 Vinyl Acetate
 Concen: 241.243 ug/l
 RT: 6.601 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080289.D
 Acq: 28 Nov 2023 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 98521
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6

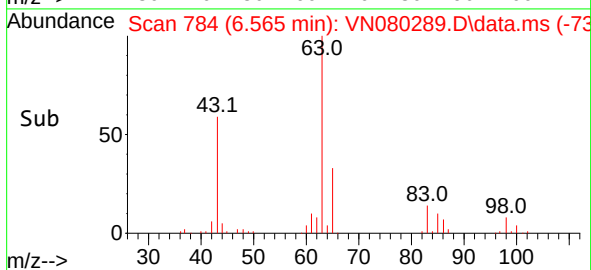
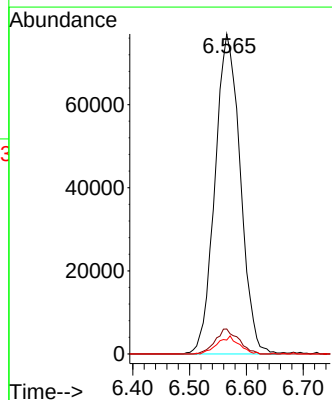
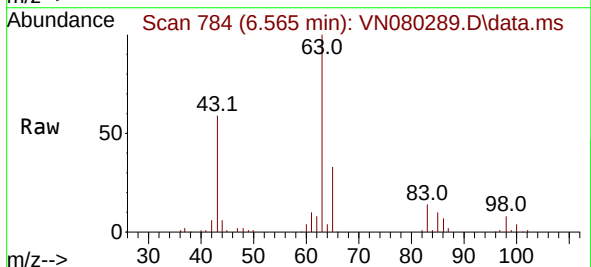
Manual Integrations
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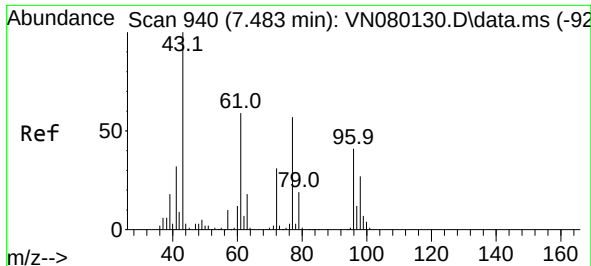
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#24
 1,1-Dichloroethane
 Concen: 48.211 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080289.D
 Acq: 28 Nov 2023 11:45

Tgt Ion: 63 Resp: 238531
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.3 2.5 7.4





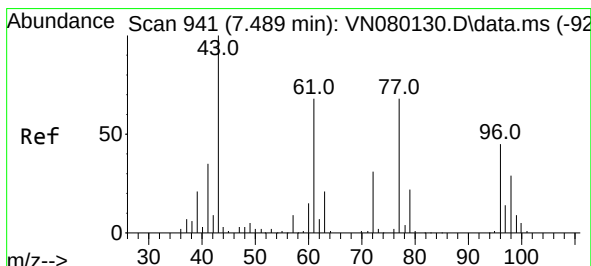
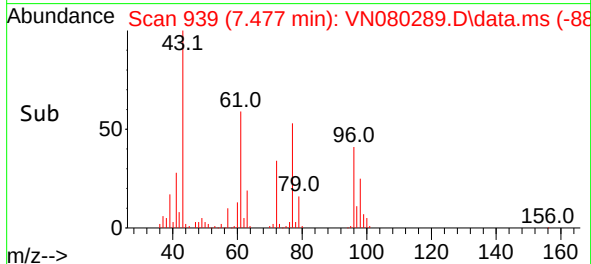
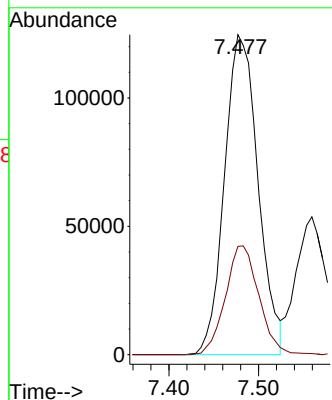
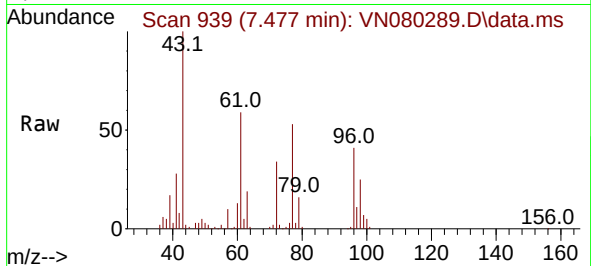
#25
2-Butanone
Concen: 212.872 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 323862
Ion Ratio Lower Upper
43 100
72 33.9 30.2 45.2

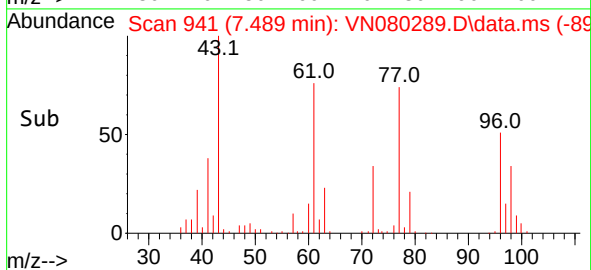
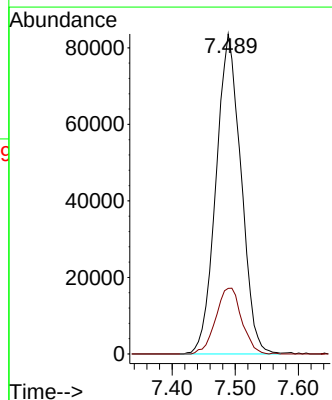
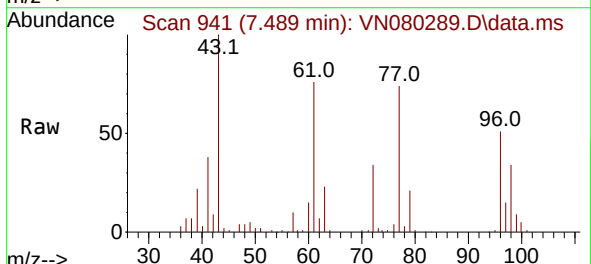
Manual Integrations
APPROVED

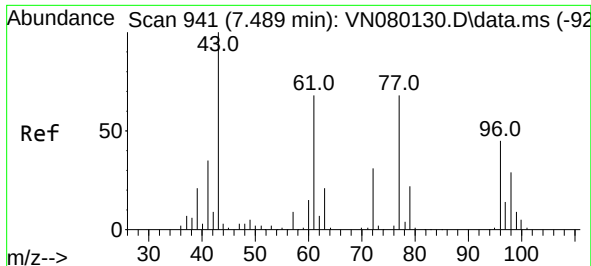
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#26
2,2-Dichloropropane
Concen: 46.792 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

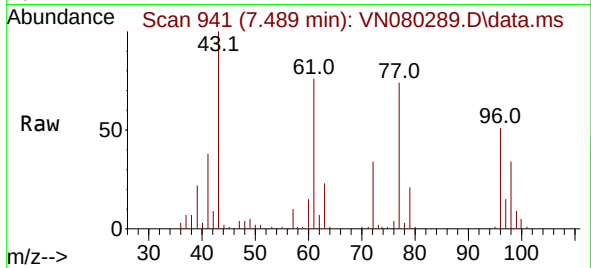
Tgt Ion: 77 Resp: 229684
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.916 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080289.D
 Acq: 28 Nov 2023 11:45

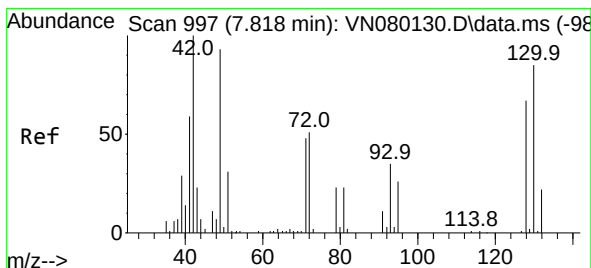
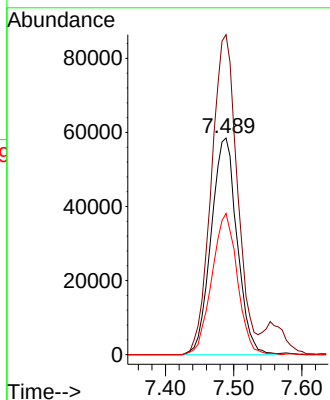
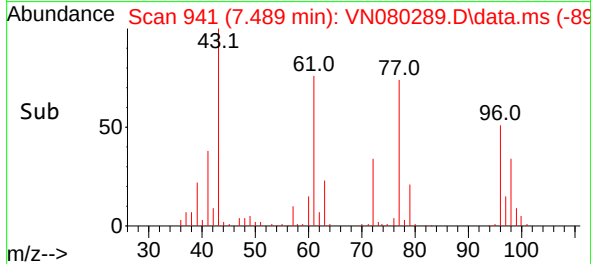
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 154762
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 255.2
 98 64.2 0.0 128.8

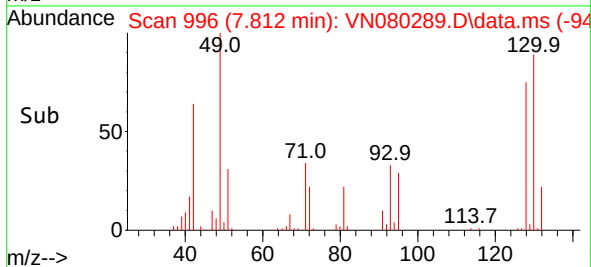
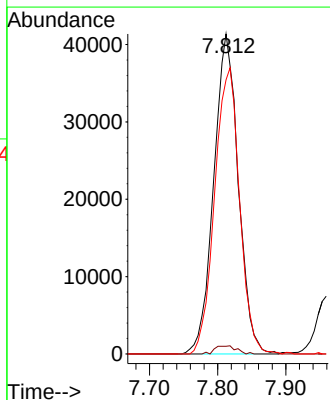
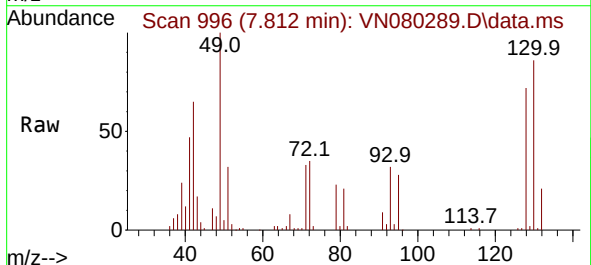
Manual Integrations
 APPROVED

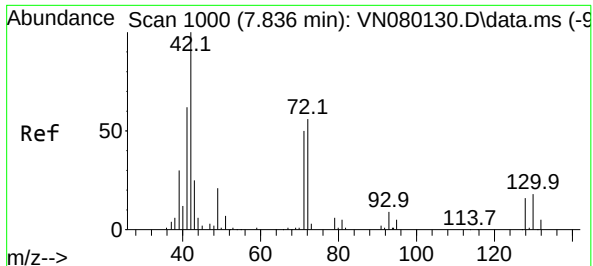
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#28
 Bromochloromethane
 Concen: 53.327 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080289.D
 Acq: 28 Nov 2023 11:45

Tgt Ion: 49 Resp: 103726
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 90.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 245.941 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 200884

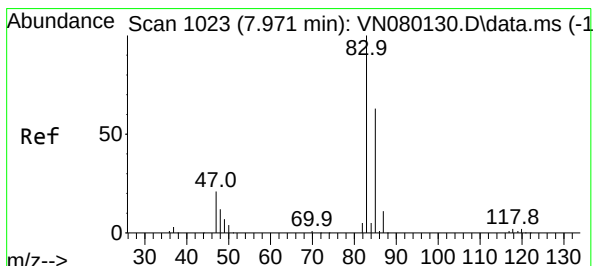
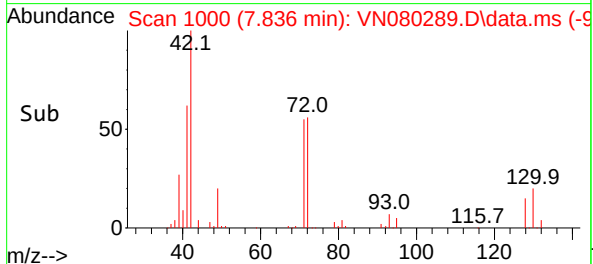
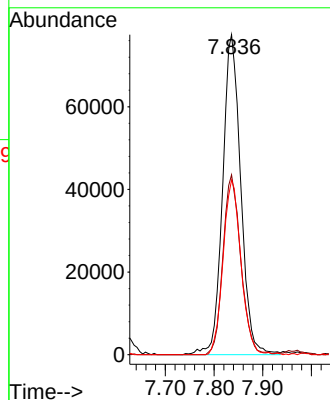
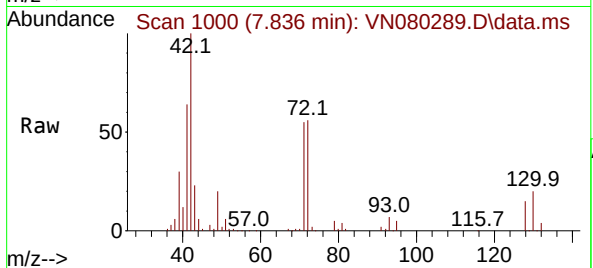
Ion	Ratio	Lower	Upper
42	100		
72	55.1	49.8	74.6
71	54.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#30

Chloroform

Concen: 51.730 ug/l

RT: 7.965 min Scan# 1022

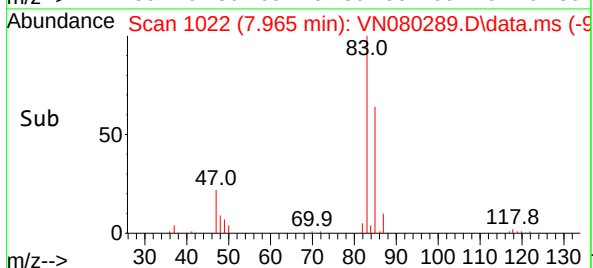
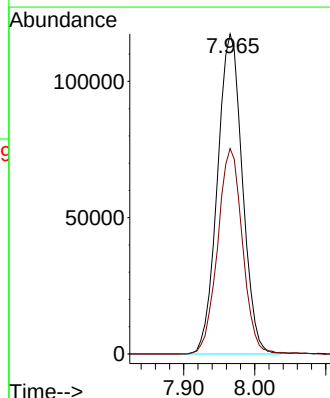
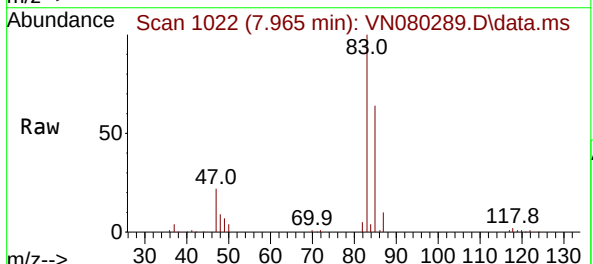
Delta R.T. -0.006 min

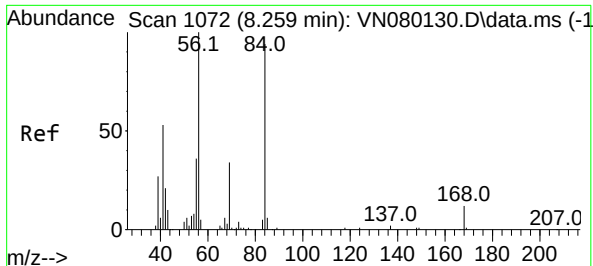
Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Tgt Ion: 83 Resp: 286065

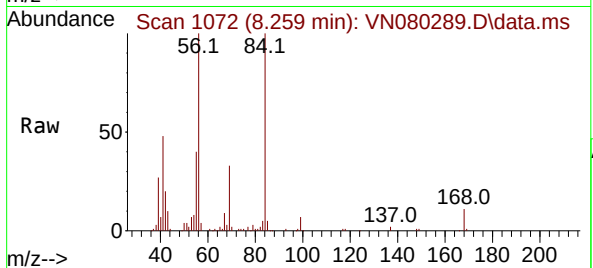
Ion	Ratio	Lower	Upper
83	100		
85	64.2	55.4	83.0





#31
Cyclohexane
Concen: 39.745 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

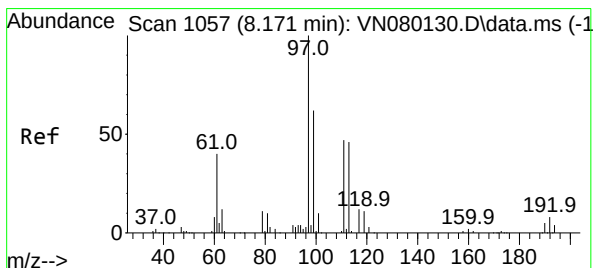
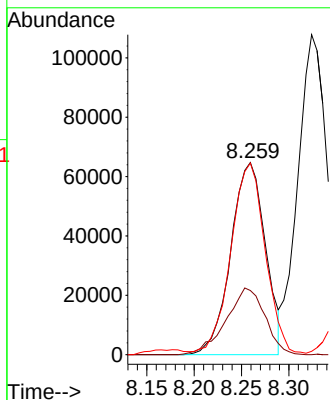
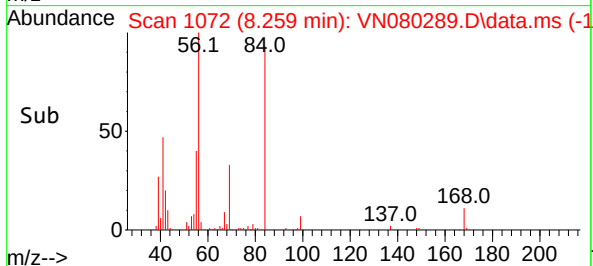
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



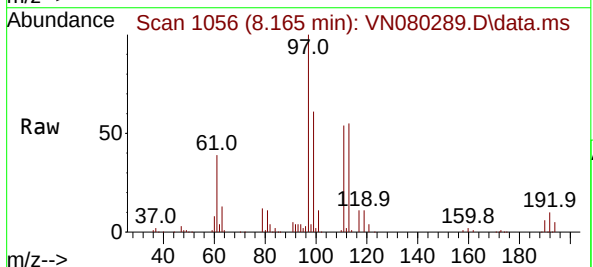
Tgt Ion: 56 Resp: 16478
Ion Ratio Lower Upper
56 100
69 33.4 26.8 40.2
84 97.2 81.8 122.6

Manual Integrations
APPROVED

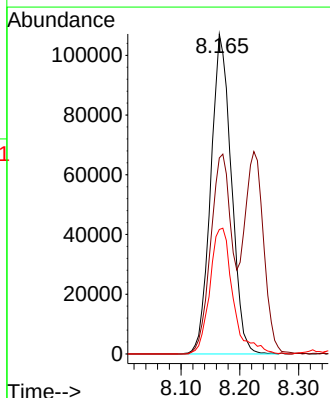
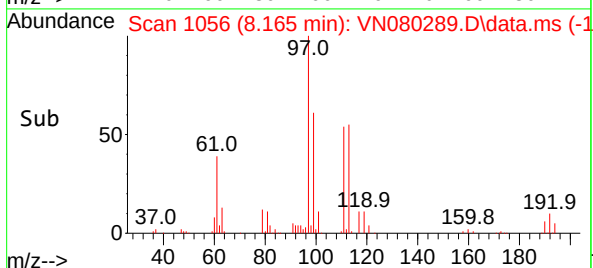
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

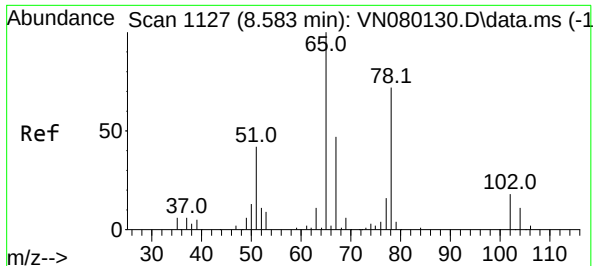


#32
1,1,1-Trichloroethane
Concen: 48.269 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



Tgt Ion: 97 Resp: 260310
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 44.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.985 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 186754

Ion Ratio Lower Upper

65 100

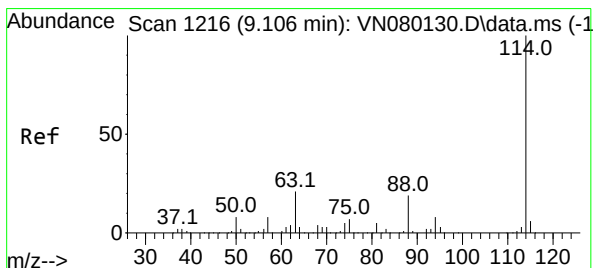
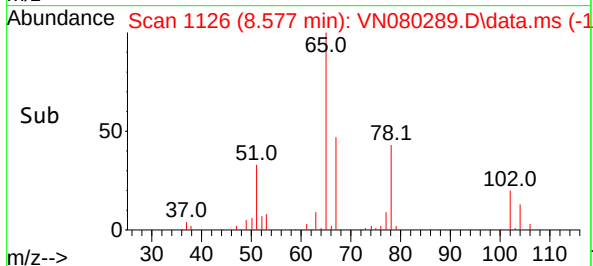
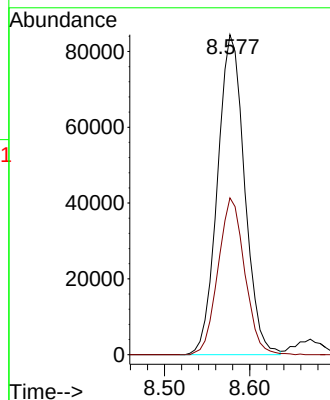
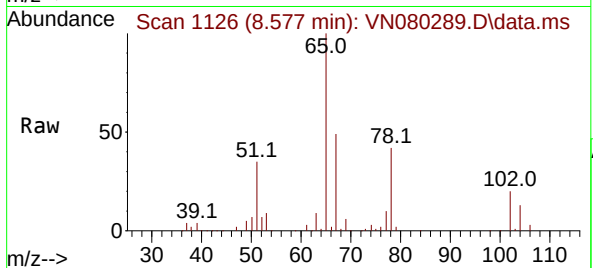
67 48.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

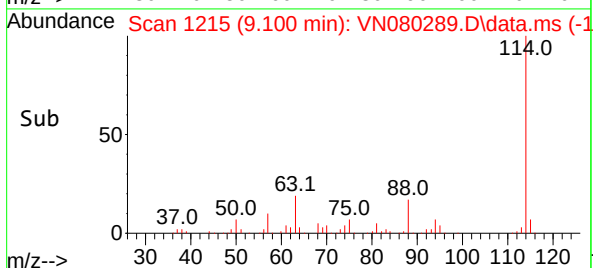
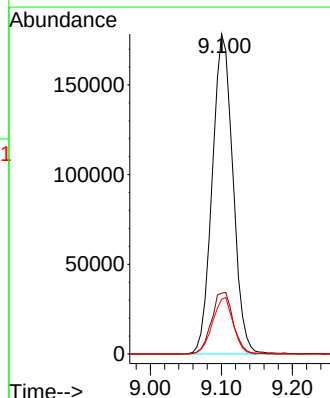
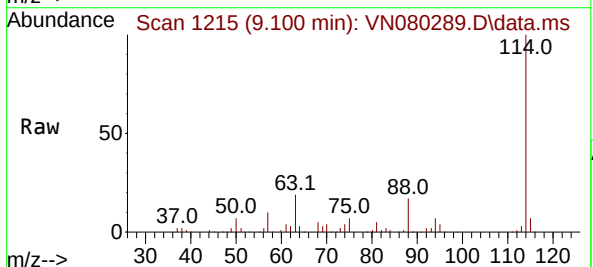
Tgt Ion:114 Resp: 360465

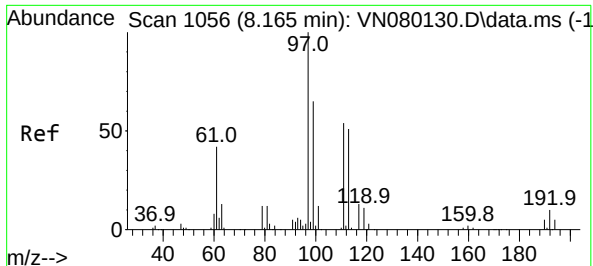
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.058 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 138462

Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

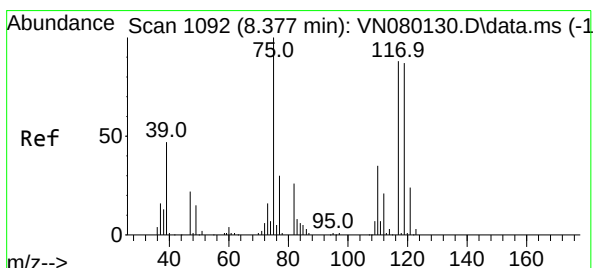
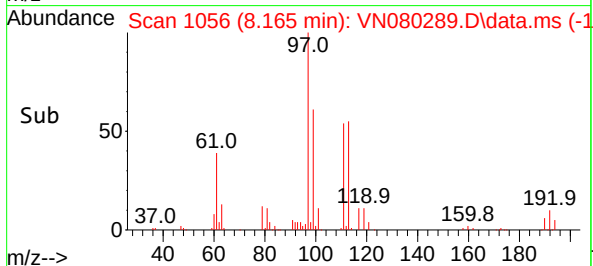
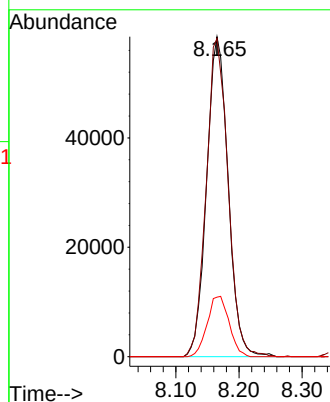
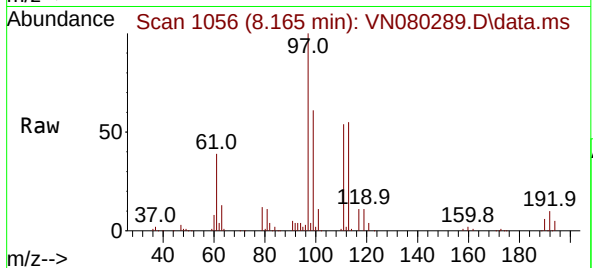
192 19.2 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#36

1,1-Dichloropropene

Concen: 47.811 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

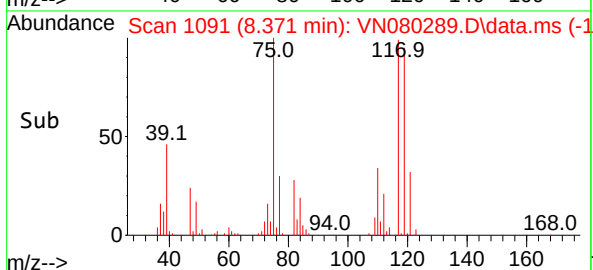
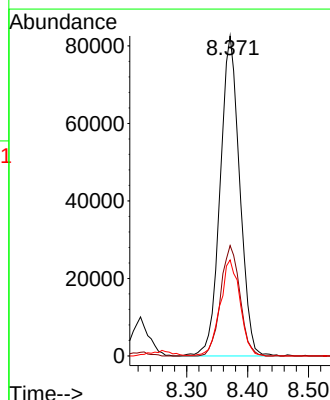
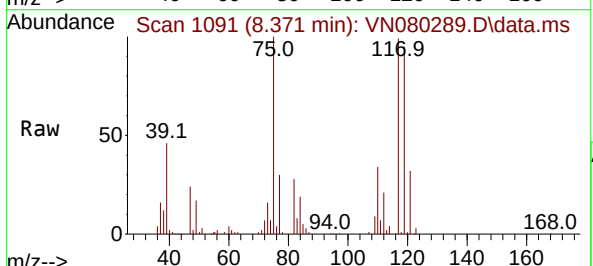
Tgt Ion: 75 Resp: 184110

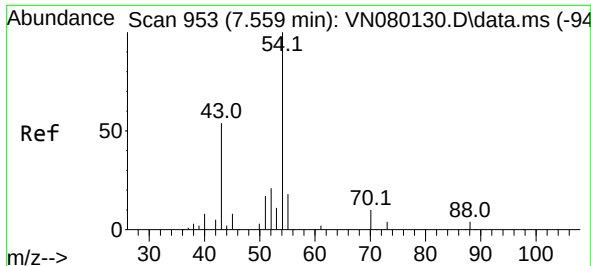
Ion Ratio Lower Upper

75 100

110 34.1 19.1 57.3

77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 50.058 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

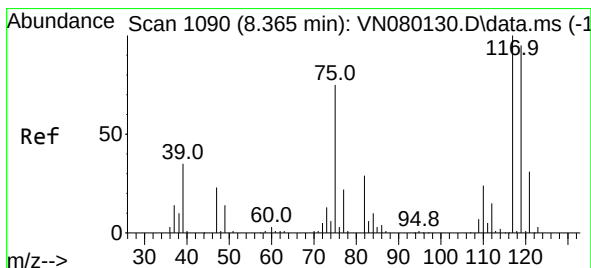
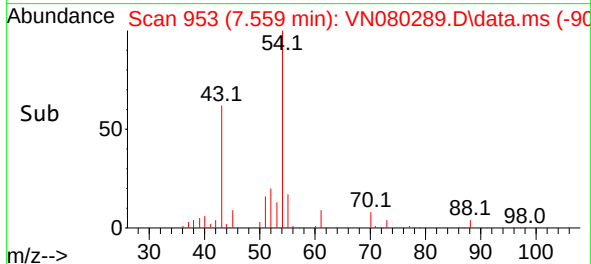
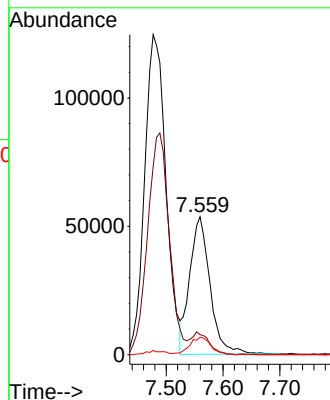
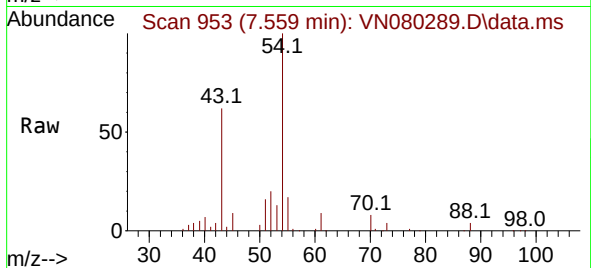
Tgt Ion:	43	Resp:	13370
Ion	Ratio	Lower	Upper
43	100		
61	14.5	13.2	19.8
70	13.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#38

Carbon Tetrachloride

Concen: 47.539 ug/l

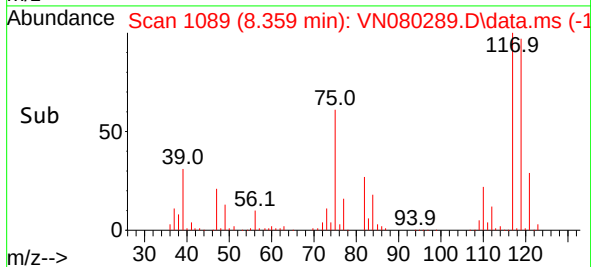
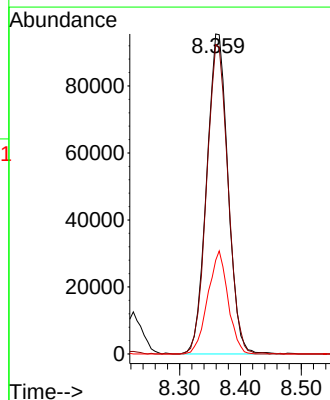
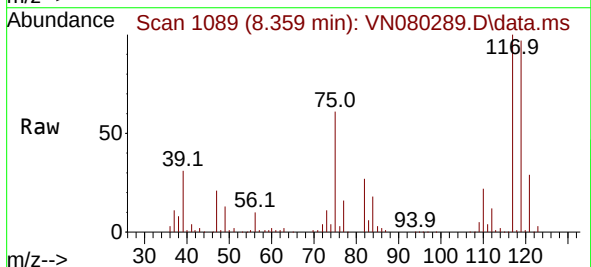
RT: 8.359 min Scan# 1089

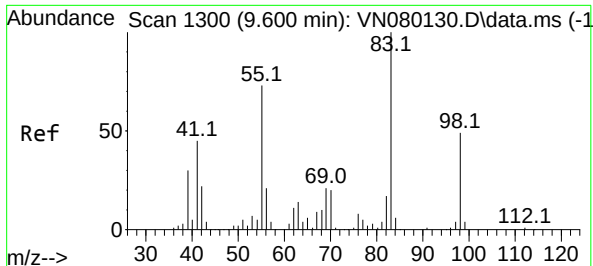
Delta R.T. -0.006 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Tgt Ion:	117	Resp:	232307
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.3	115.9
121	29.3	23.3	34.9





#39

Methylcyclohexane

Concen: 44.917 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

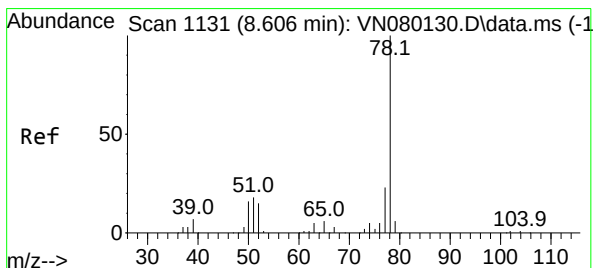
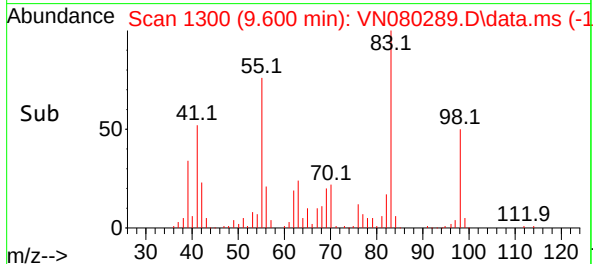
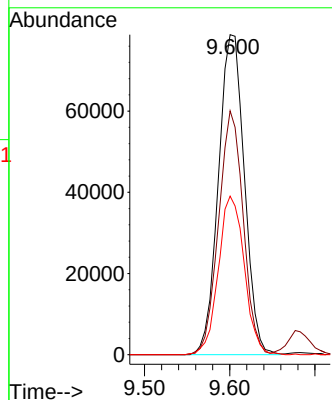
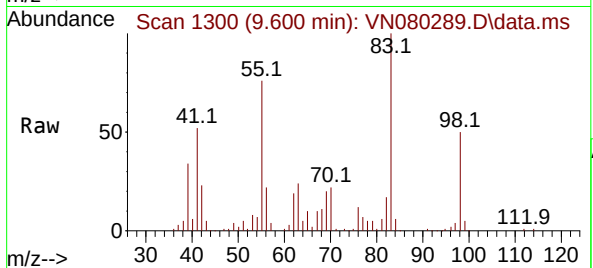
Tgt Ion: 83 Resp: 166775
 Ion Ratio Lower Upper
 83 100
 55 76.2 49.1 73.7
 98 49.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#40

Benzene

Concen: 50.328 ug/l

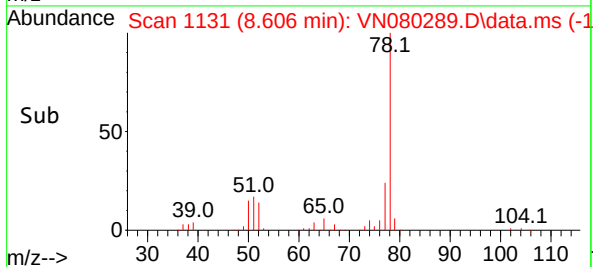
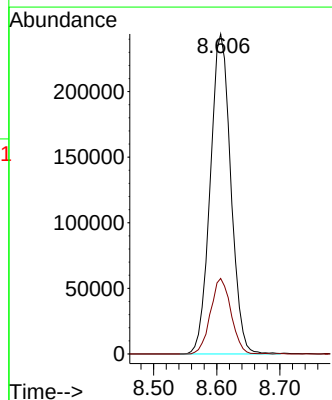
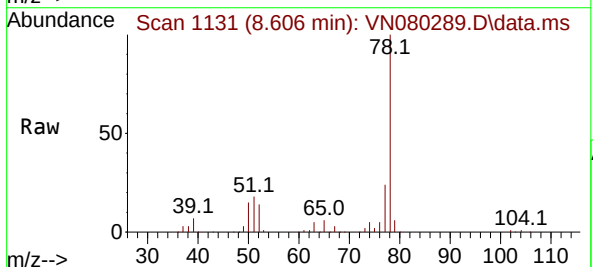
RT: 8.606 min Scan# 1131

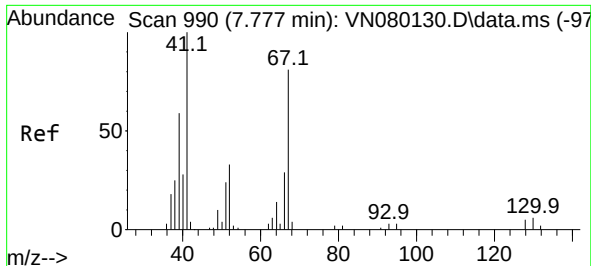
Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Tgt Ion: 78 Resp: 550814
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.6





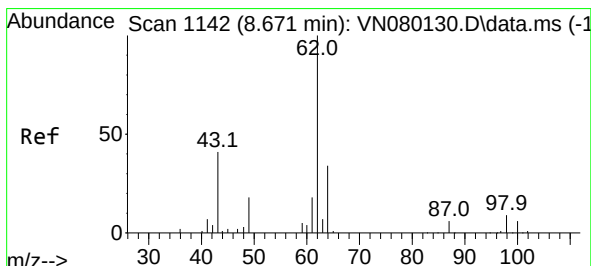
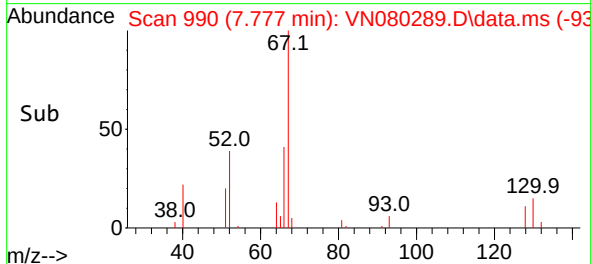
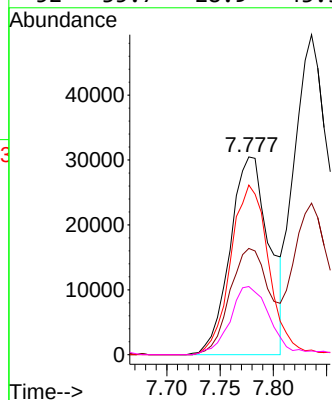
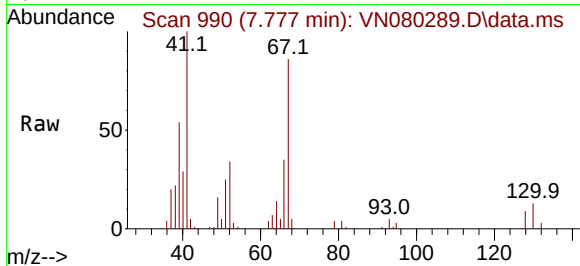
#41
Methacrylonitrile
Concen: 53.251 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	7811
Ion Ratio	Lower	Upper	
41	100		
39	54.9	42.6	64.0
67	83.8	77.5	116.3
52	35.7	28.9	43.3

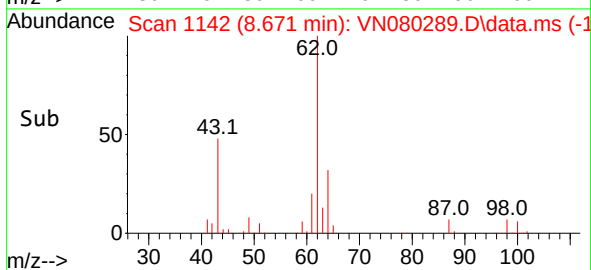
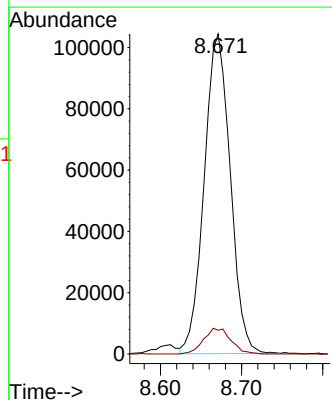
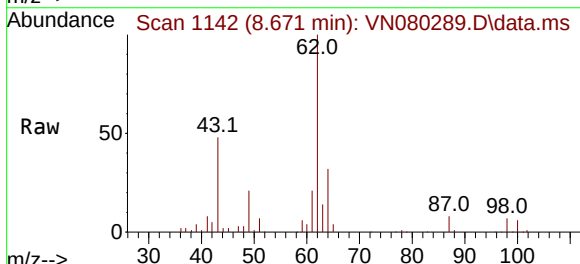
Manual Integrations
APPROVED

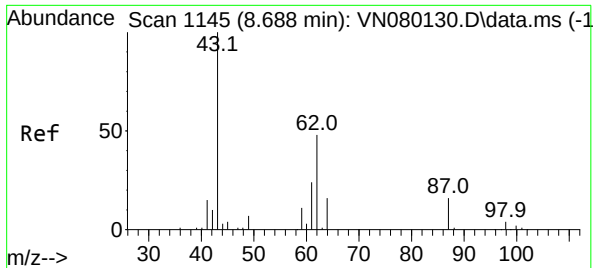
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#42
1,2-Dichloroethane
Concen: 51.998 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

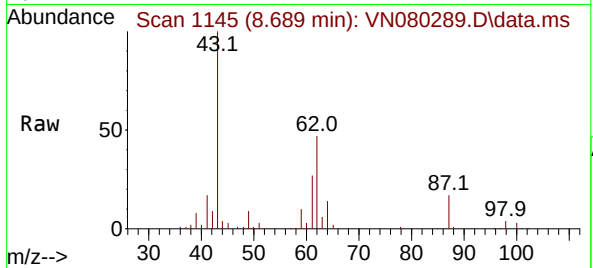
Tgt Ion:	62	Resp:	232826
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	19.8





#43
Isopropyl Acetate
Concen: 43.414 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

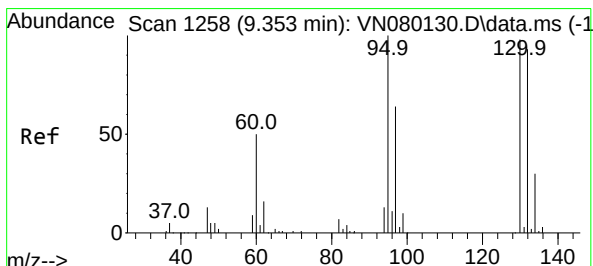
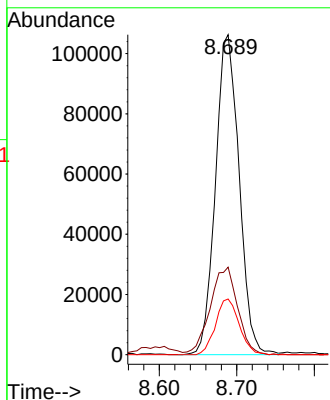
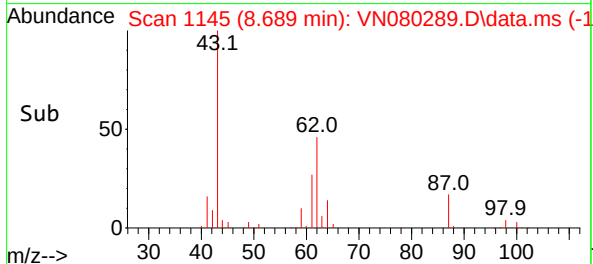
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



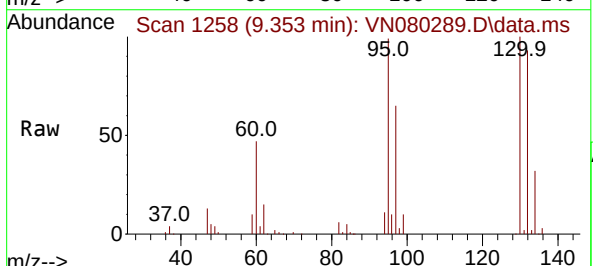
Tgt Ion: 43 Resp: 225660
Ion Ratio Lower Upper
43 100
61 31.8 24.7 37.1
87 17.4 14.6 21.8

Manual Integrations
APPROVED

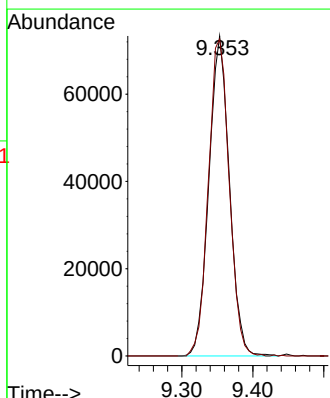
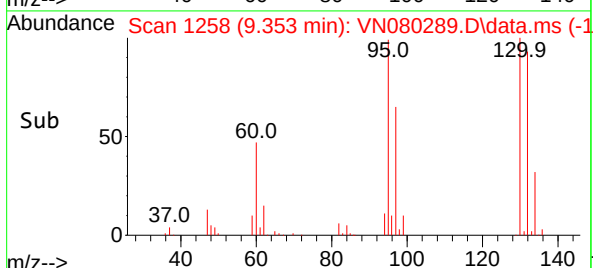
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

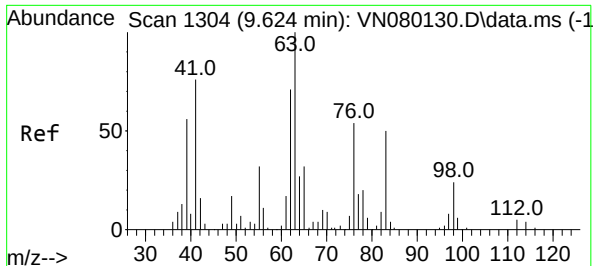


#44
Trichloroethene
Concen: 51.229 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



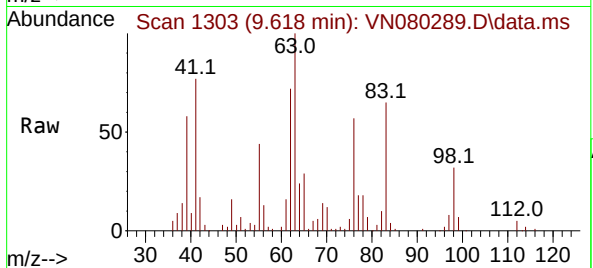
Tgt Ion:130 Resp: 147072
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.6





#45
1,2-Dichloropropane
Concen: 52.421 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

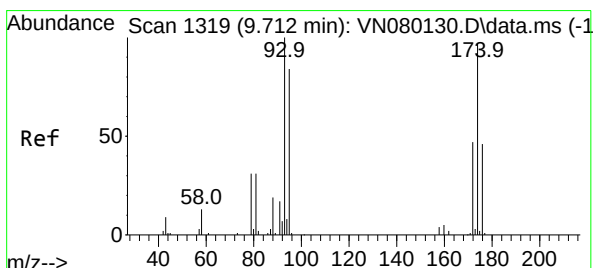
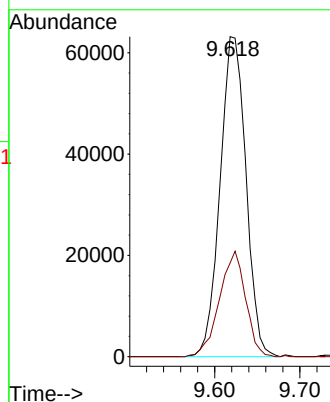
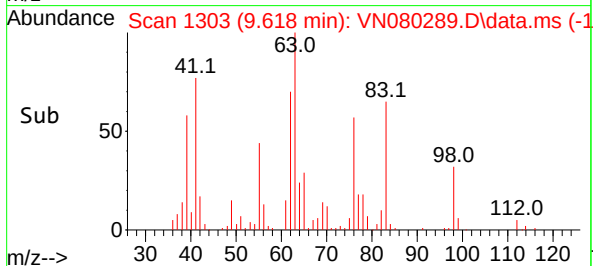
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 133328
Ion Ratio Lower Upper
63 100
65 29.3 23.9 35.9

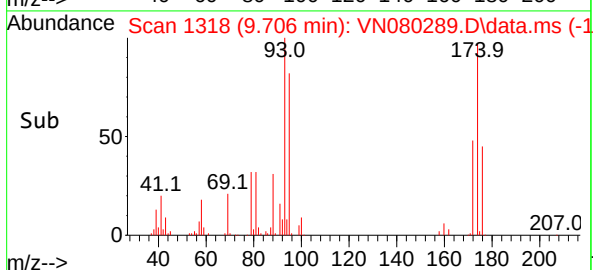
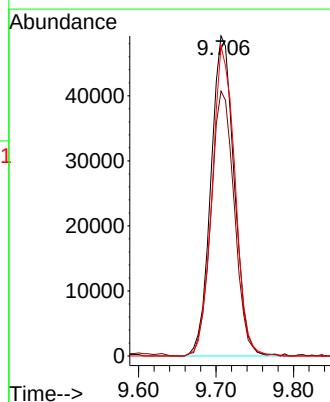
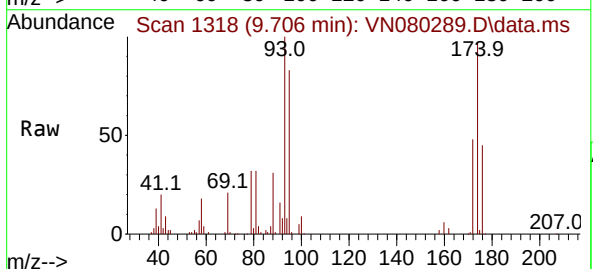
Manual Integrations
APPROVED

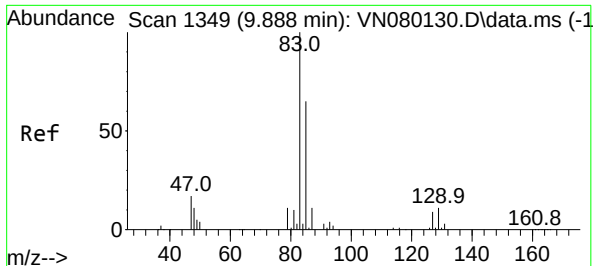
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#46
Dibromomethane
Concen: 53.590 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 93 Resp: 103175
Ion Ratio Lower Upper
93 100
95 82.9 63.8 95.8
174 95.0 65.6 98.4





#47
Bromodichloromethane
Concen: 54.246 ug/l
RT: 9.889 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

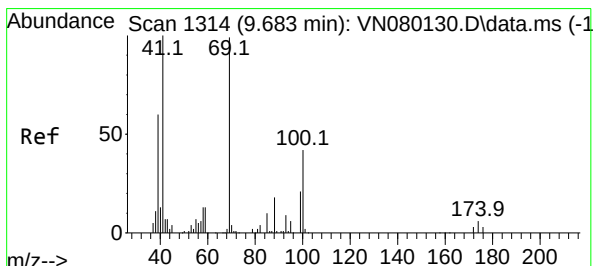
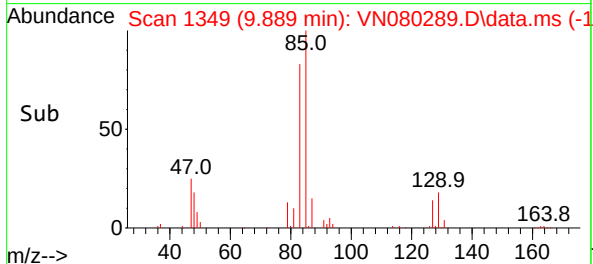
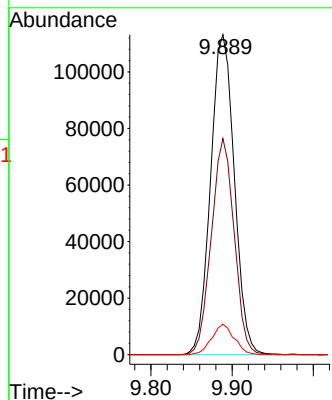
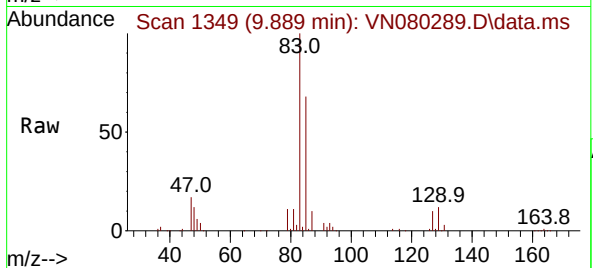
Tgt Ion: 83 Resp: 229735
Ion Ratio Lower Upper
83 100
85 67.6 49.6 74.4
127 9.6 7.0 10.6

Manual Integrations

APPROVED

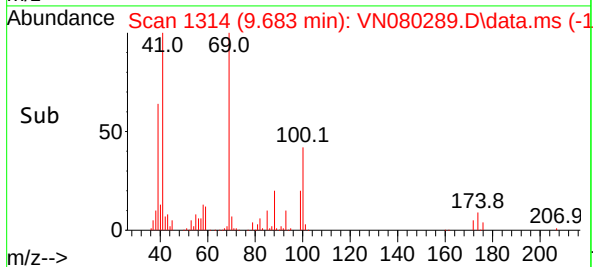
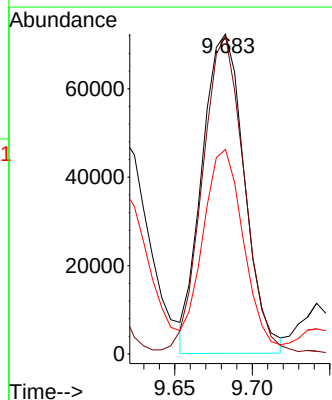
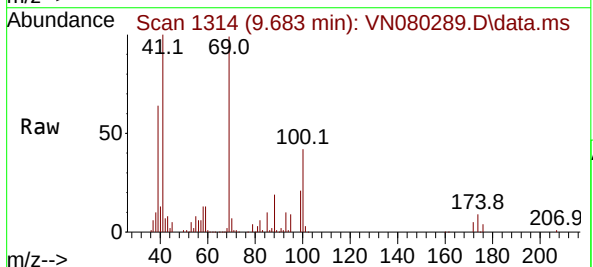
Reviewed By :John Carlone 11/29/2023

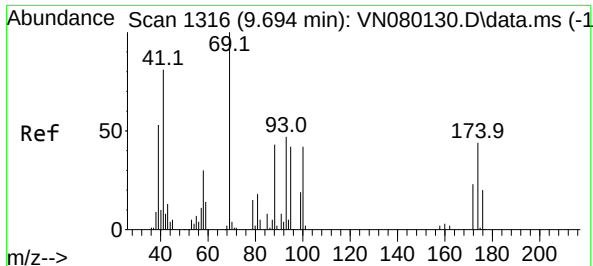
Supervised By :Mahesh Dadoda 11/29/2023



#48
Methyl methacrylate
Concen: 51.329 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 41 Resp: 137493
Ion Ratio Lower Upper
41 100
69 99.6 90.4 135.6
39 62.2 54.6 81.8





#49

1,4-Dioxane

Concen: 988.124 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4403

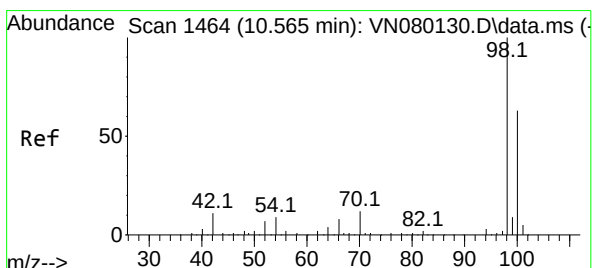
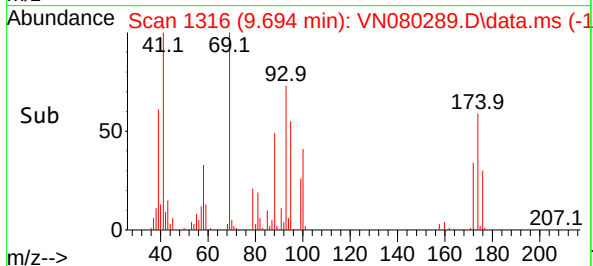
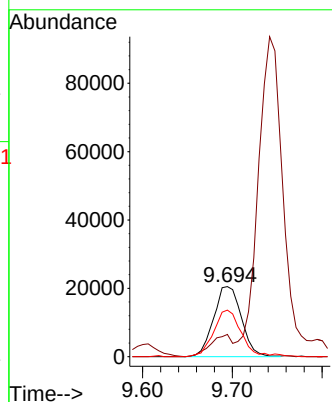
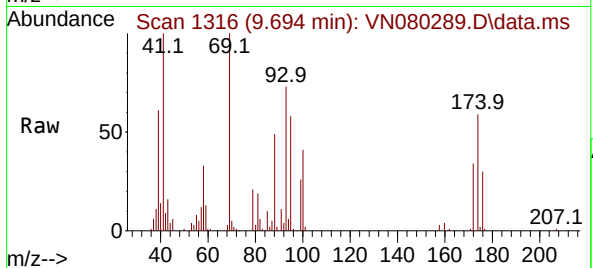
Ion	Ratio	Lower	Upper
88	100		
43	24.3	17.0	25.6
58	67.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#50

Toluene-d8

Concen: 50.481 ug/l

RT: 10.565 min Scan# 1464

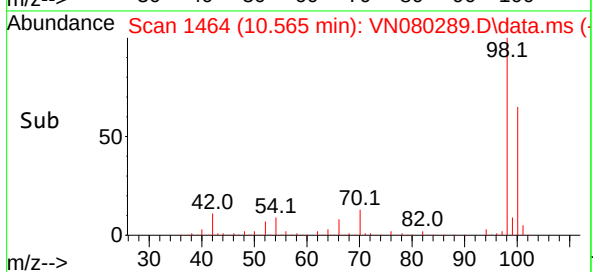
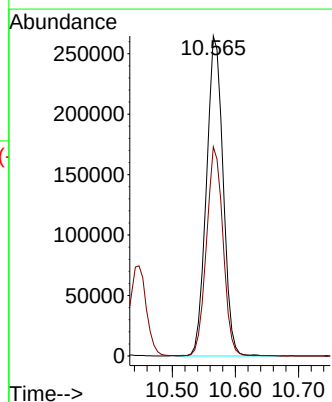
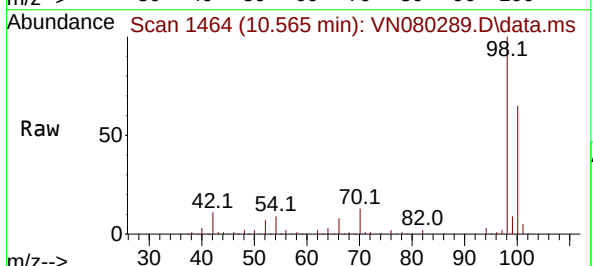
Delta R.T. 0.000 min

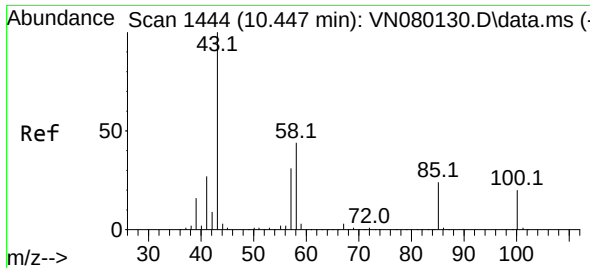
Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Tgt Ion: 98 Resp: 484011

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





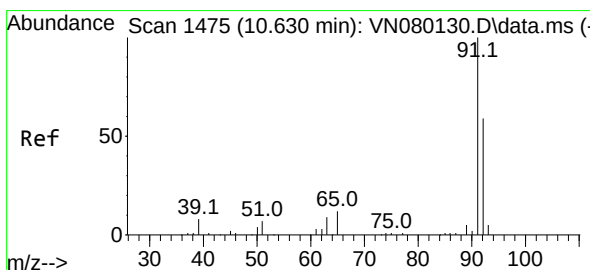
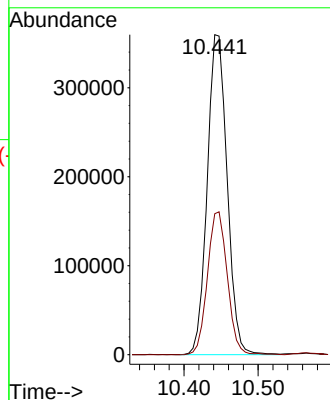
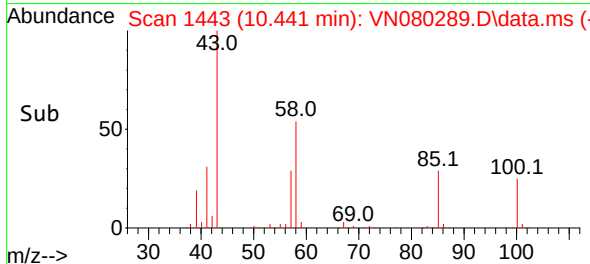
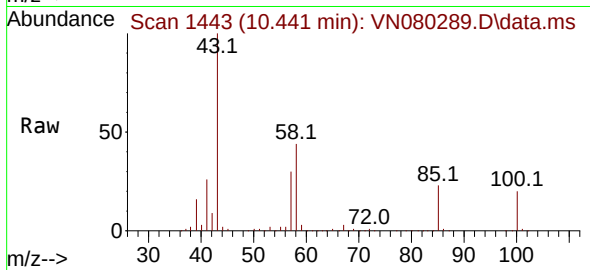
#51
4-Methyl-2-Pentanone
Concen: 249.438 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 671249
Ion Ratio Lower Upper
43 100
58 44.6 36.6 54.8

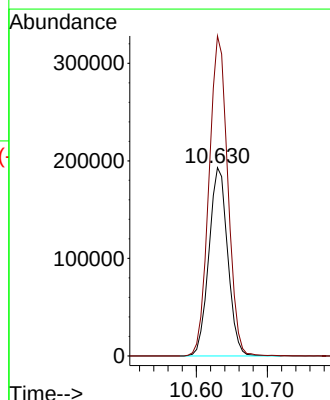
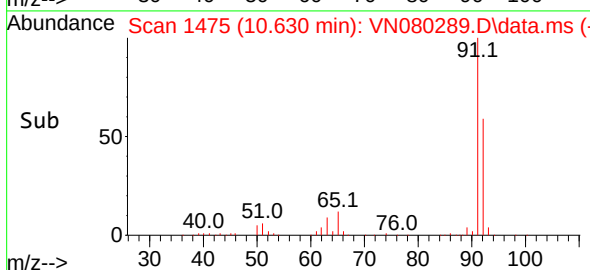
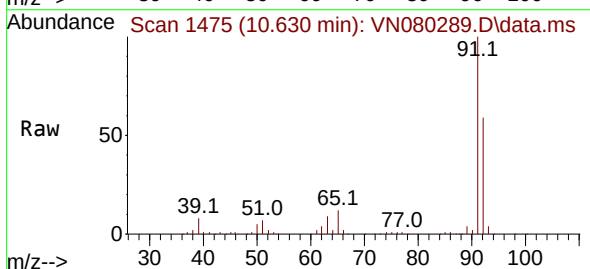
Manual Integrations
APPROVED

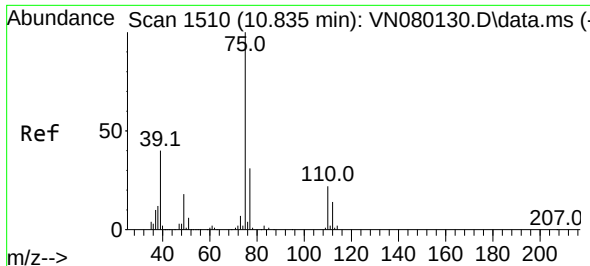
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#52
Toluene
Concen: 51.717 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion: 92 Resp: 354226
Ion Ratio Lower Upper
92 100
91 170.4 137.4 206.0





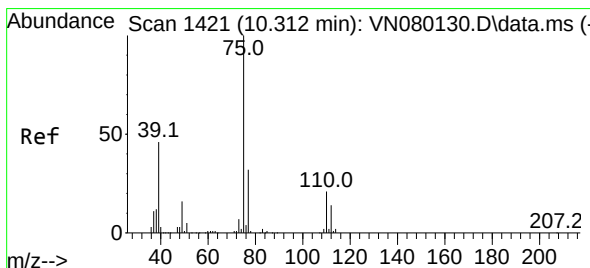
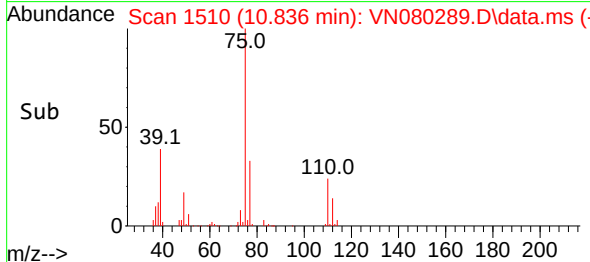
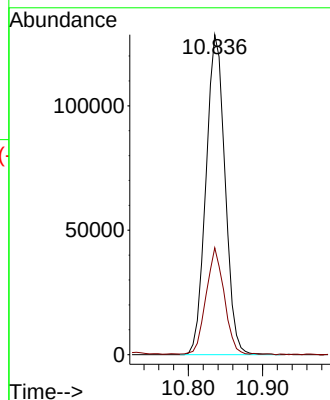
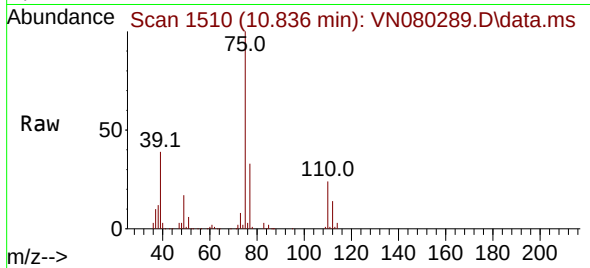
#53
t-1,3-Dichloropropene
Concen: 52.773 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 229628
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0

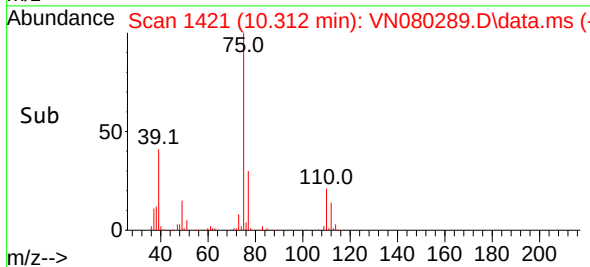
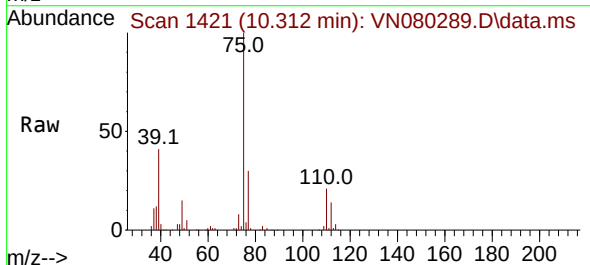
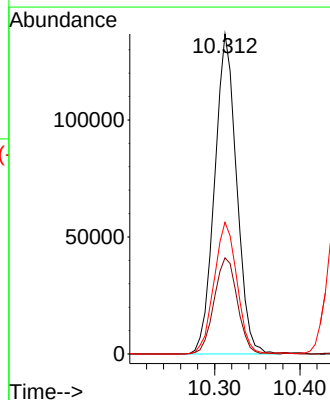
Manual Integrations
APPROVED

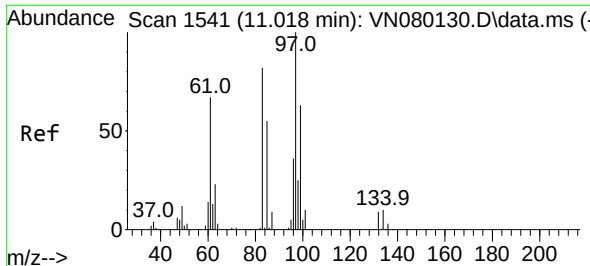
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#54
cis-1,3-Dichloropropene
Concen: 55.182 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

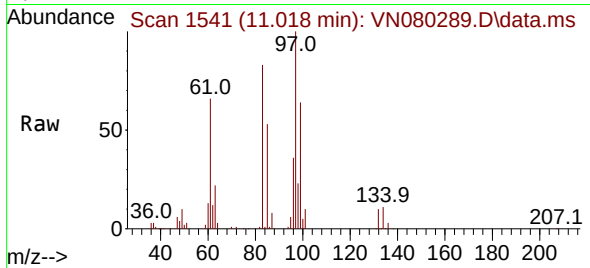
Tgt Ion: 75 Resp: 245308
Ion Ratio Lower Upper
75 100
77 30.1 26.1 39.1
39 41.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.326 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

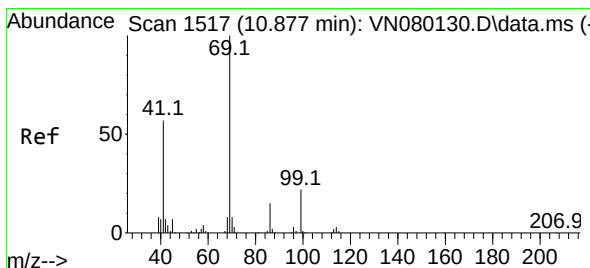
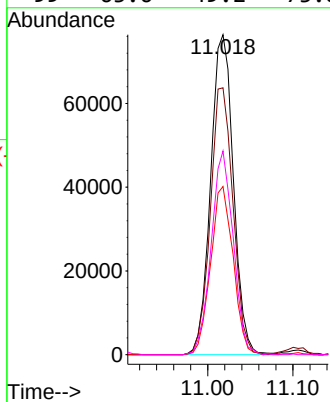
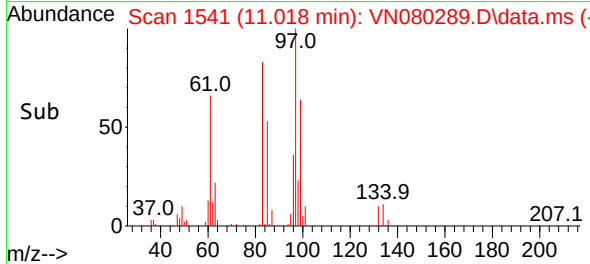
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



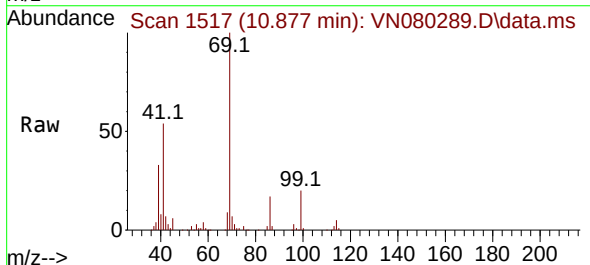
Tgt Ion:	97	Resp:	14201
Ion Ratio	100	Lower	Upper
97	100		
83	83.4	65.1	97.7
85	52.6	43.4	65.2
99	63.6	49.2	73.8

Manual Integrations
APPROVED

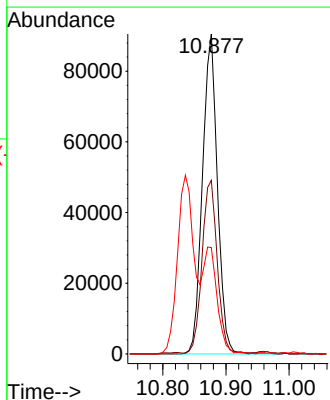
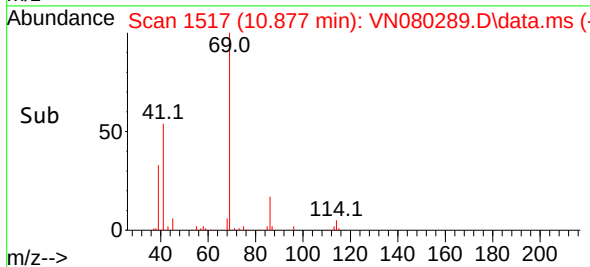
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

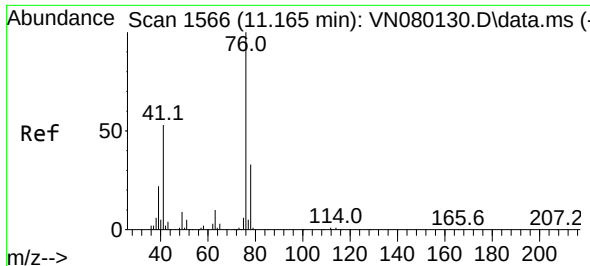


#56
Ethyl methacrylate
Concen: 55.903 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



Tgt Ion:	69	Resp:	149293
Ion Ratio	100	Lower	Upper
69	100		
41	55.4	39.6	59.4
39	30.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.650 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 244869

Ion Ratio Lower Upper

76 100

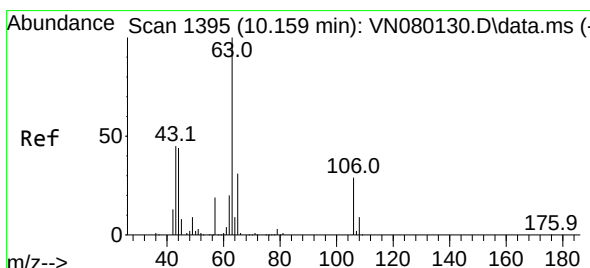
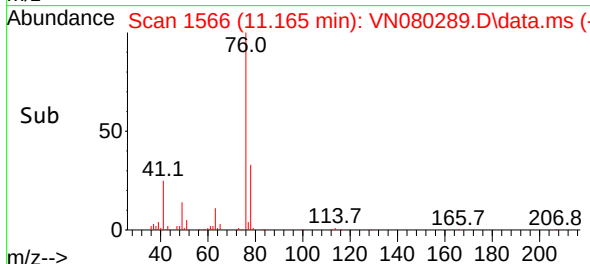
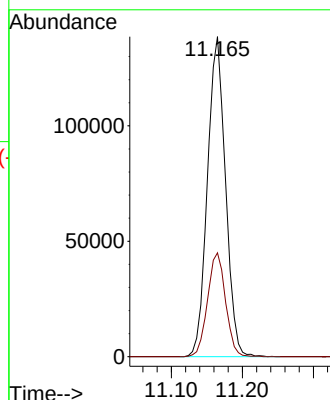
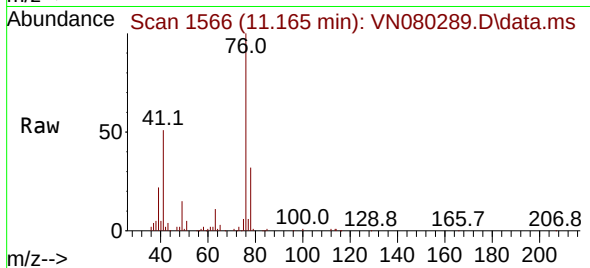
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.693 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080289.D

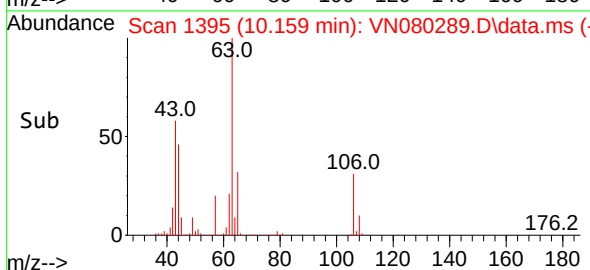
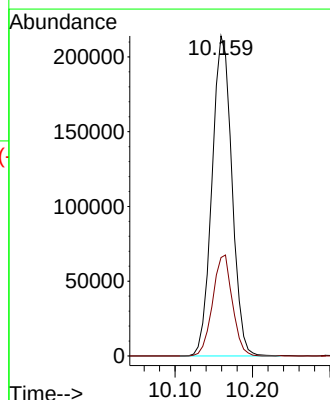
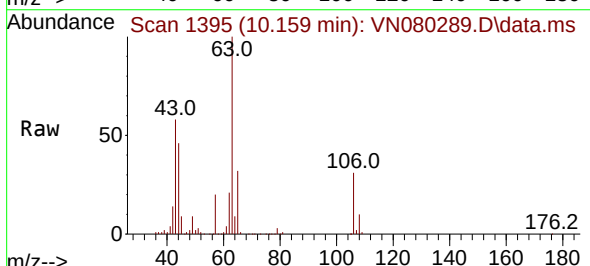
Acq: 28 Nov 2023 11:45

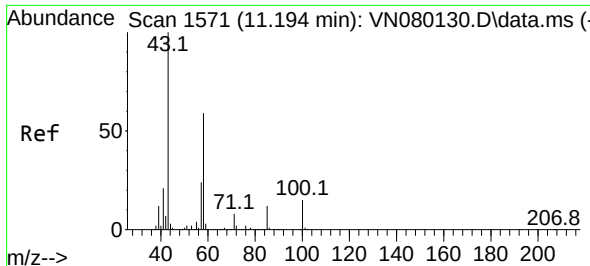
Tgt Ion: 63 Resp: 381689

Ion Ratio Lower Upper

63 100

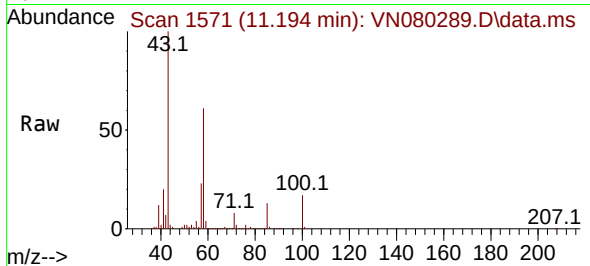
106 31.2 26.2 39.4





#59
2-Hexanone
Concen: 230.109 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

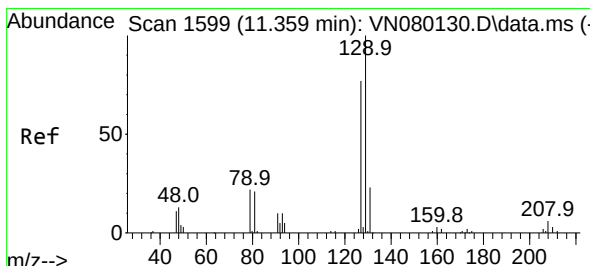
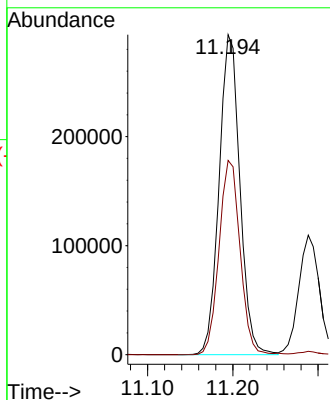
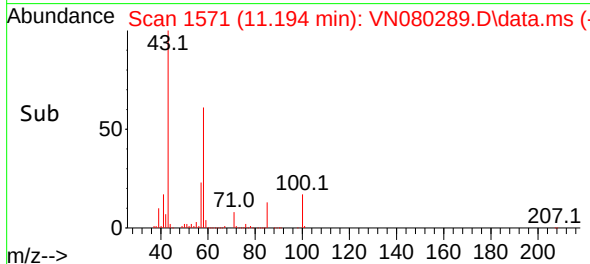
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



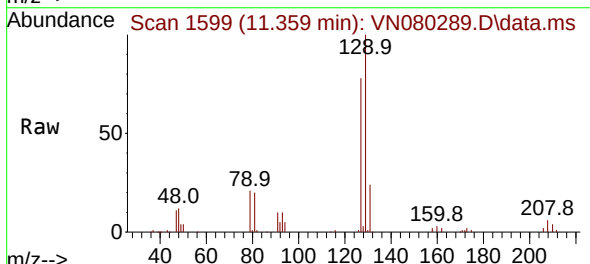
Tgt Ion: 43 Resp: 49758
Ion Ratio Lower Upper
43 100
58 61.5 31.7 95.1

Manual Integrations
APPROVED

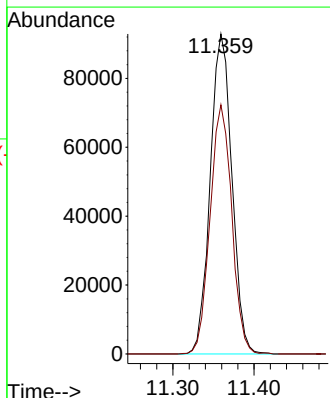
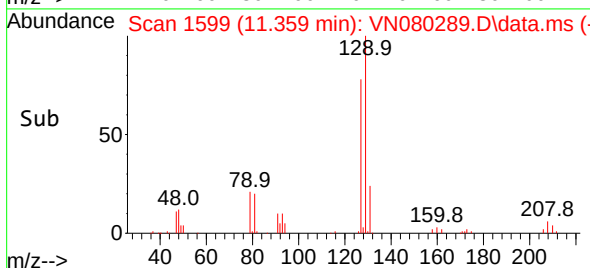
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

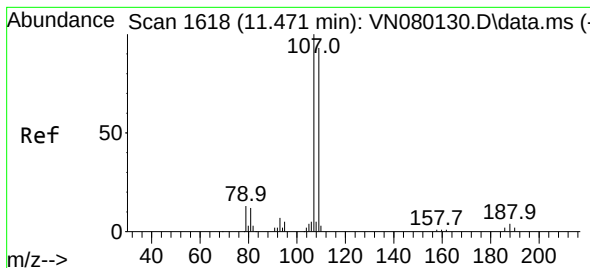


#60
Dibromochloromethane
Concen: 55.141 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



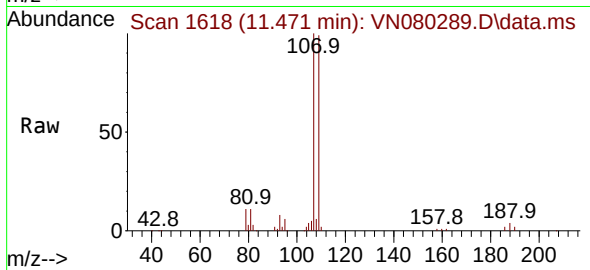
Tgt Ion:129 Resp: 172576
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.824 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

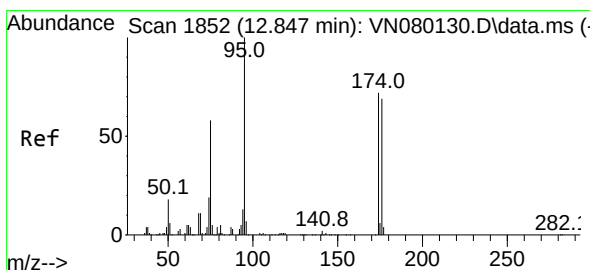
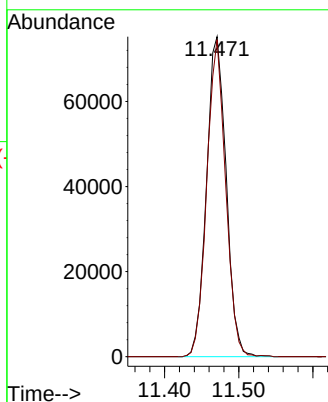
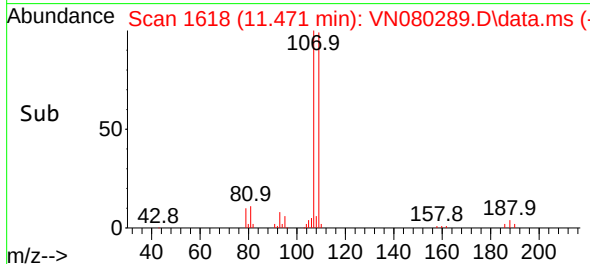
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



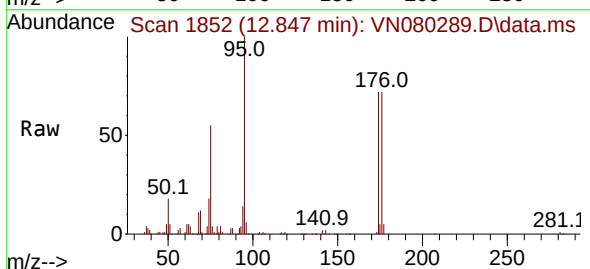
Tgt Ion:107 Resp: 13821
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
APPROVED

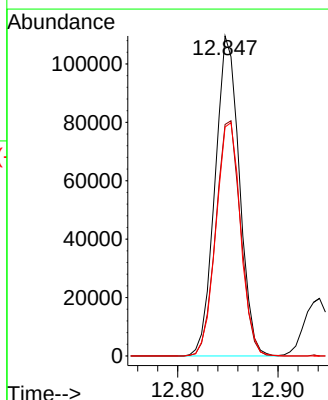
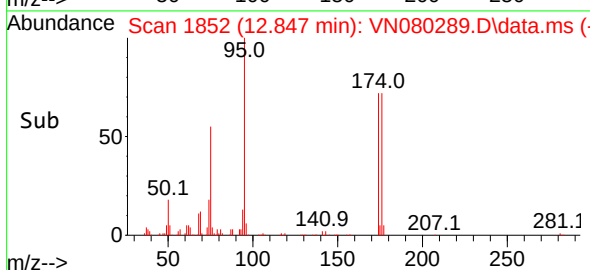
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

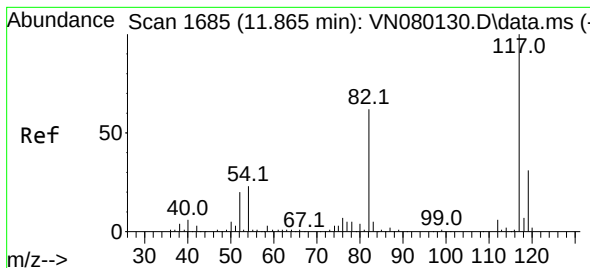


#62
4-Bromofluorobenzene
Concen: 50.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



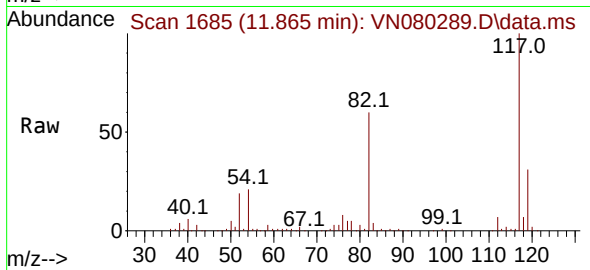
Tgt Ion: 95 Resp: 184521
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 73.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

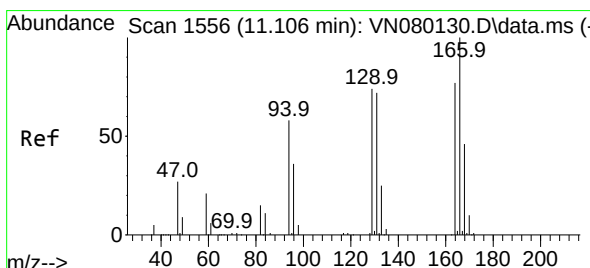
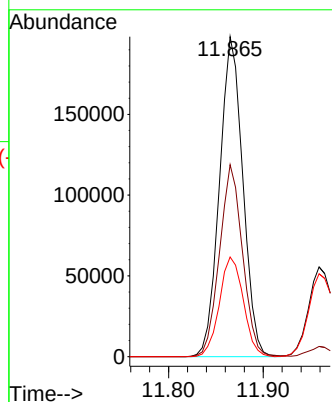
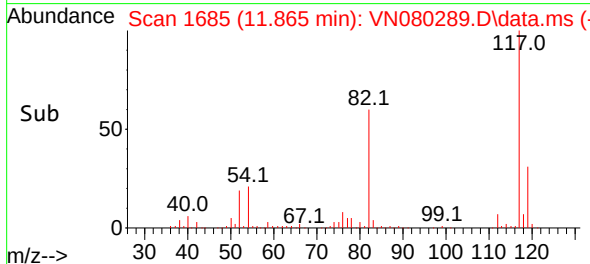
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 339150
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 31.2 25.6 38.4

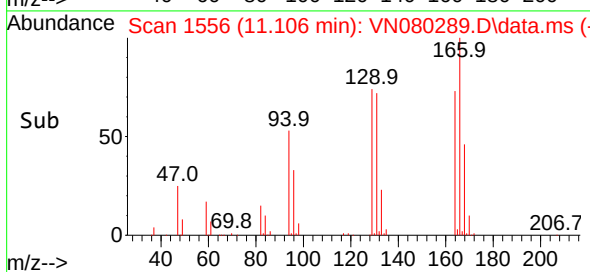
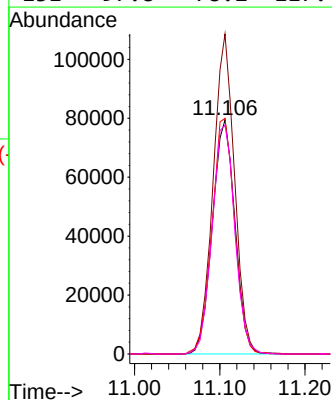
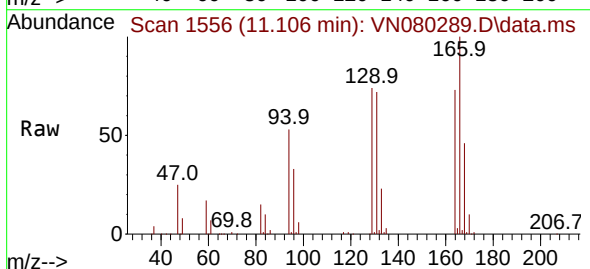
Manual Integrations
APPROVED

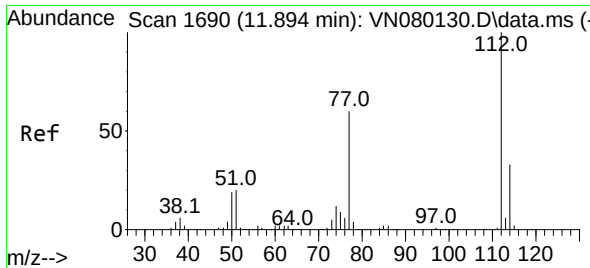
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#64
Tetrachloroethene
Concen: 56.357 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

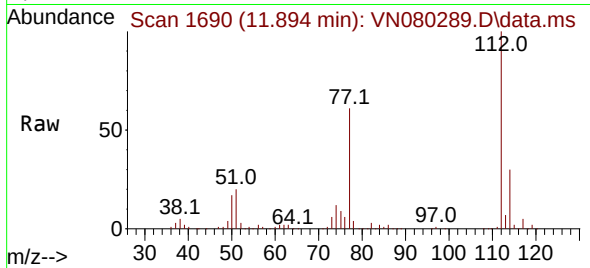
Tgt Ion:164 Resp: 145867
Ion Ratio Lower Upper
164 100
166 136.7 101.4 152.0
129 100.6 82.4 123.6
131 97.8 78.2 117.4





#65
Chlorobenzene
Concen: 49.264 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

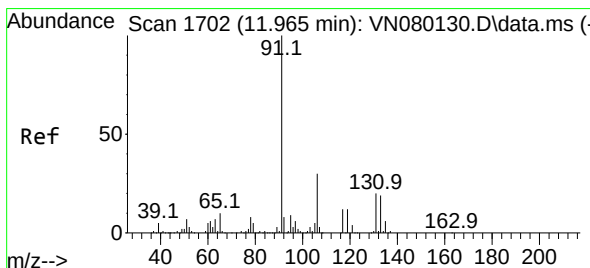
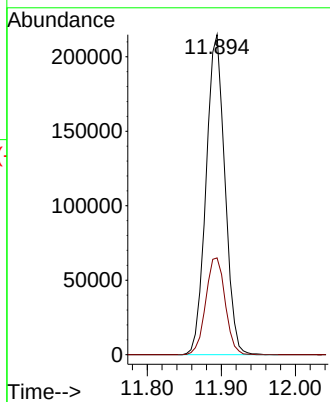
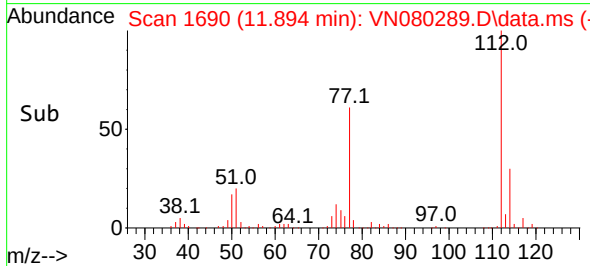
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



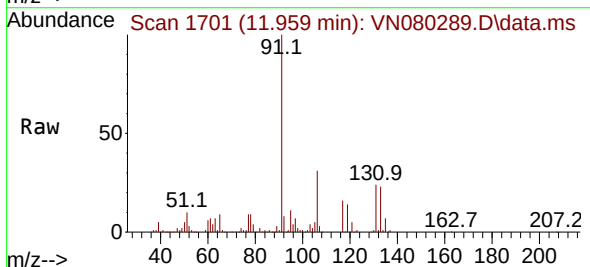
Tgt Ion:112 Resp: 378590
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

Manual Integrations
APPROVED

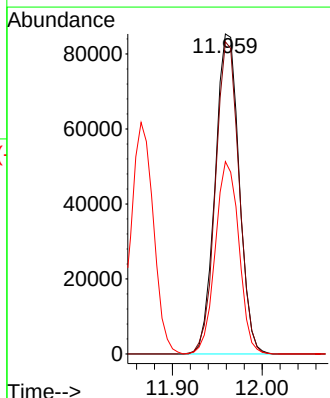
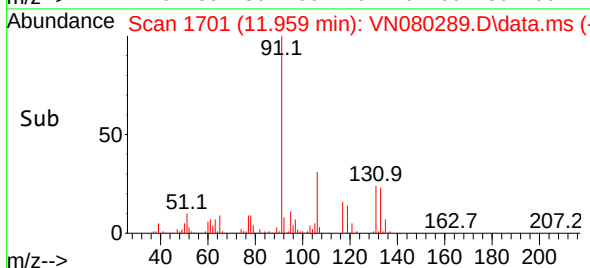
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

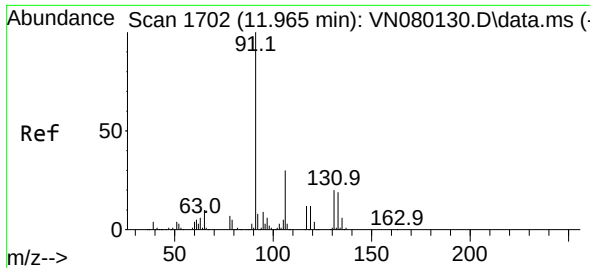


#66
1,1,1,2-Tetrachloroethane
Concen: 53.065 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



Tgt Ion:131 Resp: 158253
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 59.2 34.1 102.2





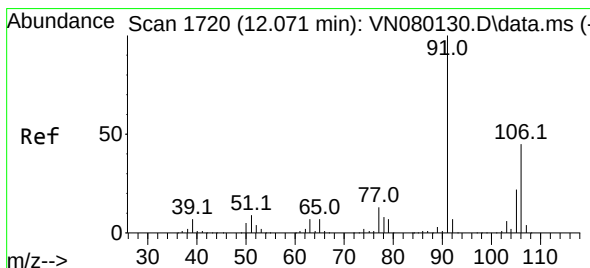
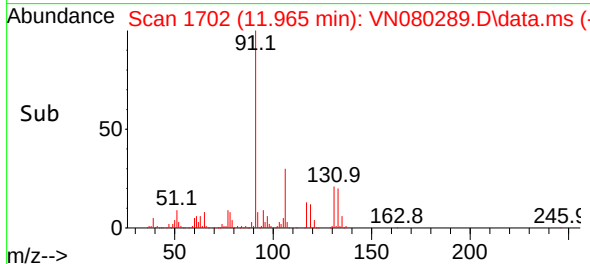
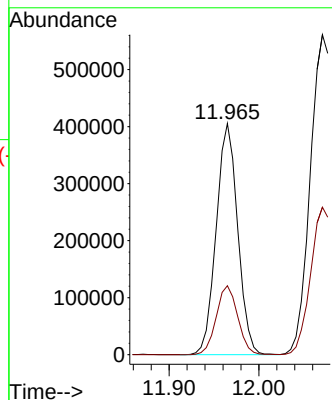
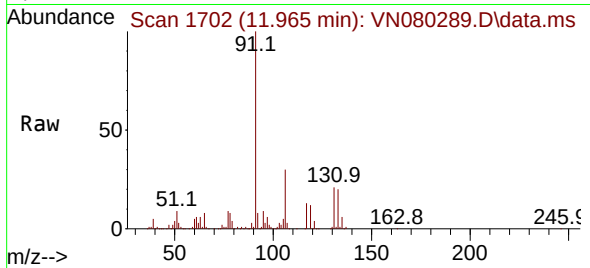
#67
Ethyl Benzene
Concen: 49.252 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 67351
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

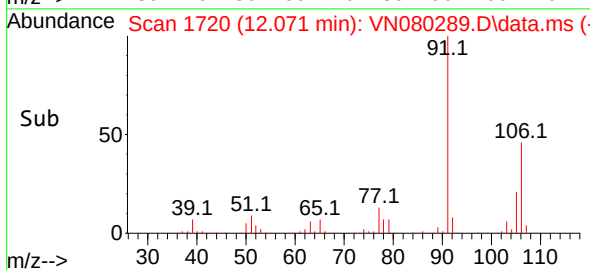
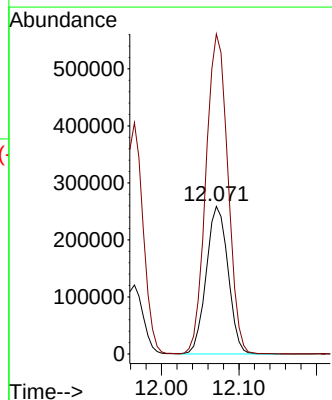
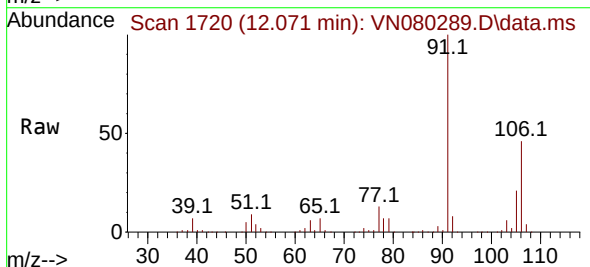
Manual Integrations
APPROVED

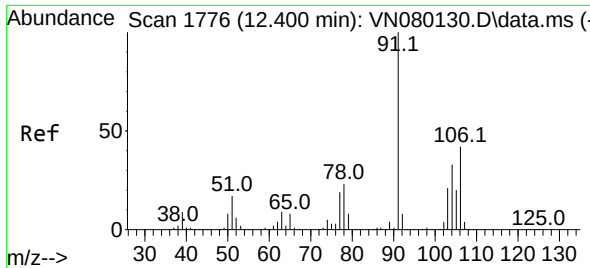
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#68
m/p-Xylenes
Concen: 101.438 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion:106 Resp: 505764
Ion Ratio Lower Upper
106 100
91 218.4 159.6 239.4





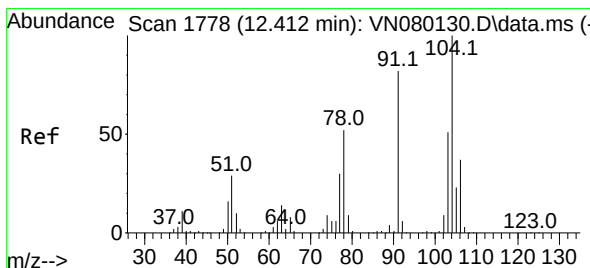
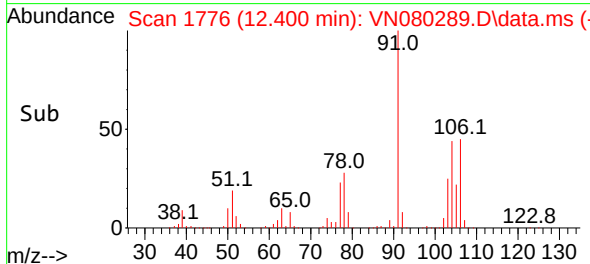
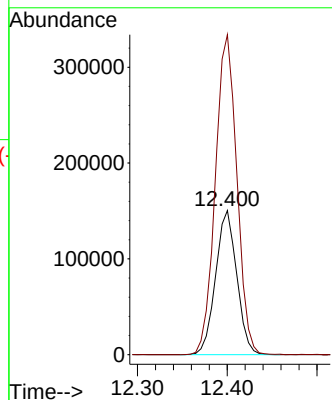
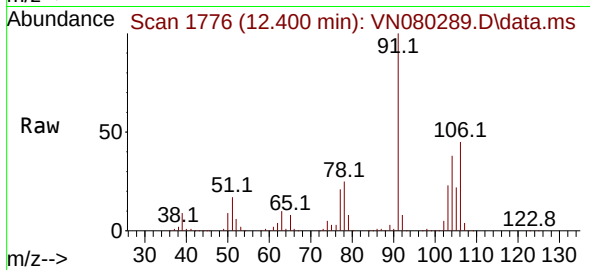
#69
o-Xylene
Concen: 52.446 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 24643
Ion Ratio Lower Upper
106 100
91 226.0 105.2 315.5

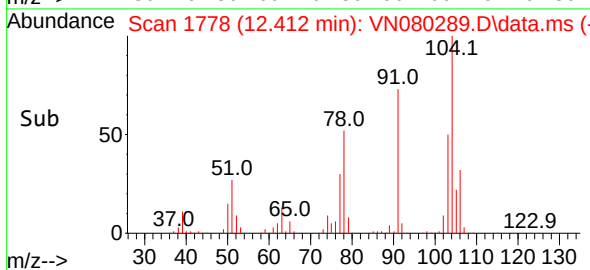
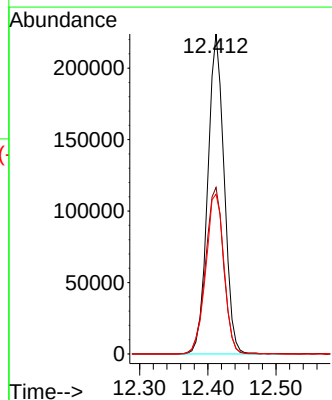
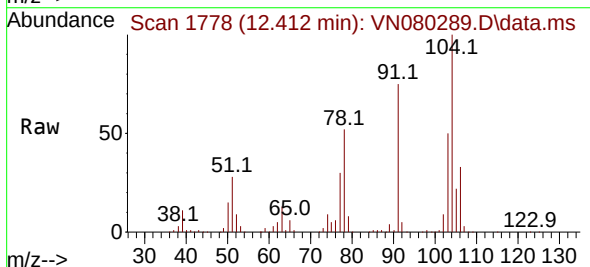
Manual Integrations
APPROVED

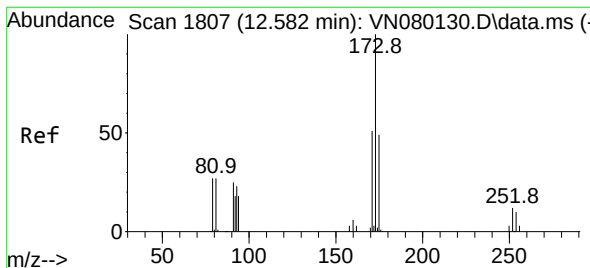
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#70
Styrene
Concen: 53.654 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion:104 Resp: 375245
Ion Ratio Lower Upper
104 100
78 57.0 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 52.082 ug/l

RT: 12.583 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 115184

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

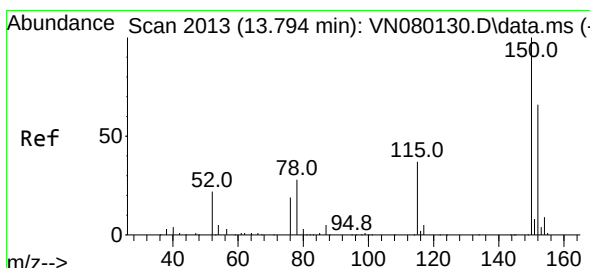
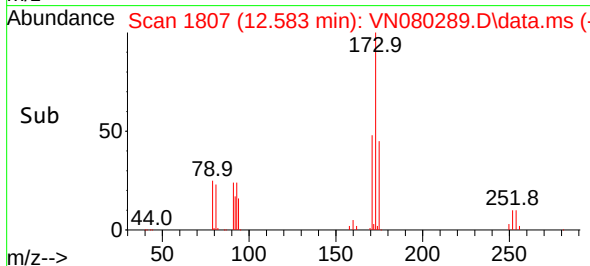
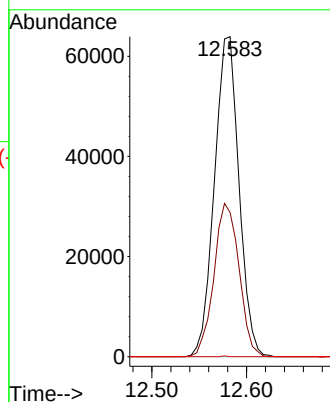
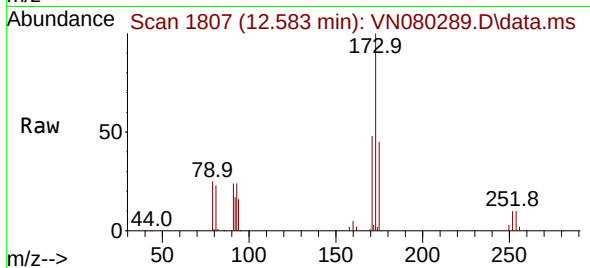
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080289.D

Acq: 28 Nov 2023 11:45

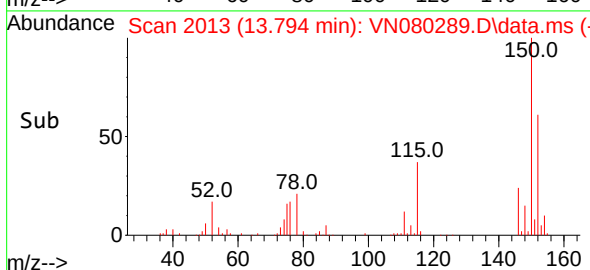
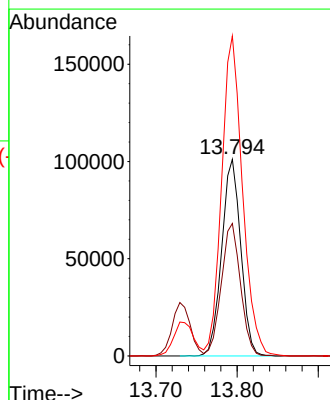
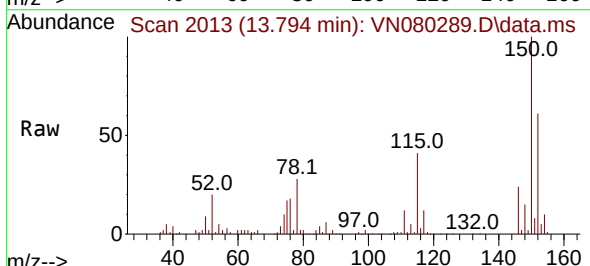
Tgt Ion:152 Resp: 165310

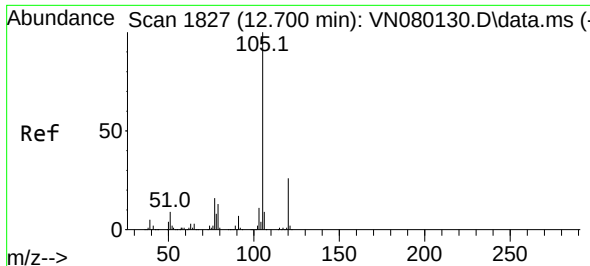
Ion Ratio Lower Upper

152 100

115 67.8 32.3 96.8

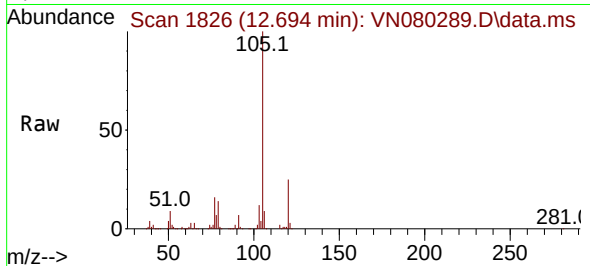
150 177.9 0.0 355.8





#73
Isopropylbenzene
Concen: 48.474 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

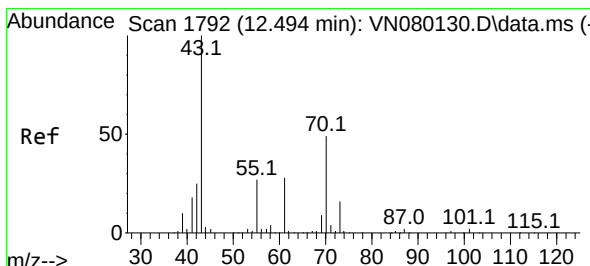
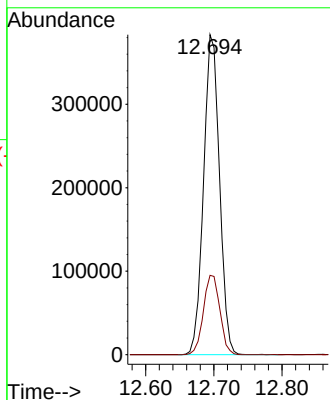
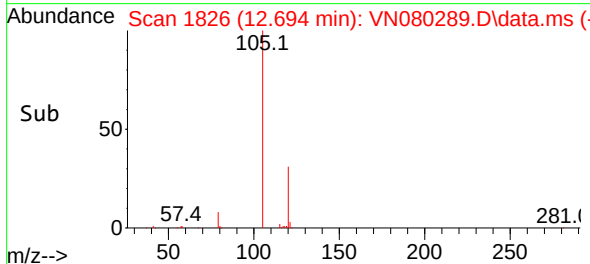
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 622689
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

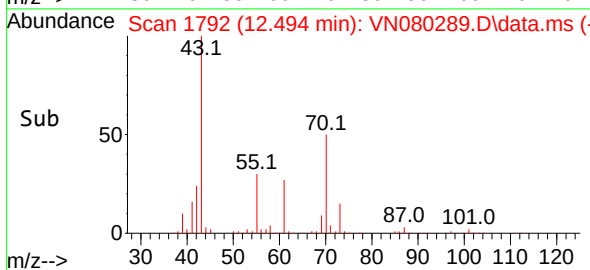
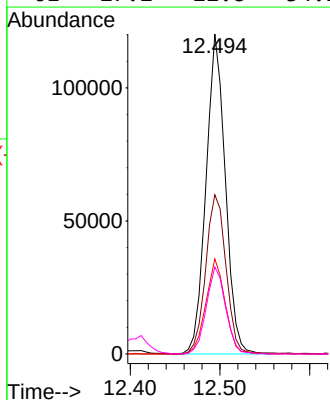
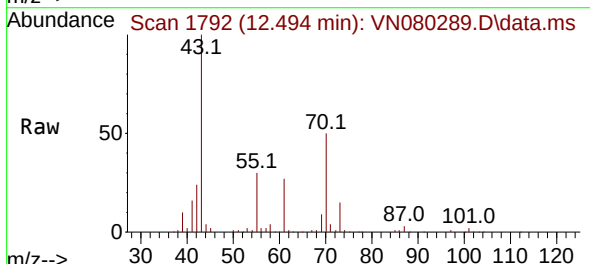
Manual Integrations
APPROVED

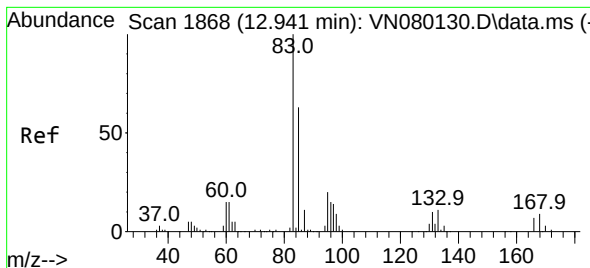
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#74
N-ethyl acetate
Concen: 44.966 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

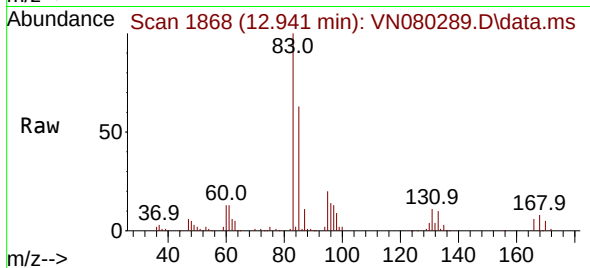
Tgt Ion: 43 Resp: 180130
Ion Ratio Lower Upper
43 100
70 52.1 43.4 65.2
55 29.6 21.4 32.0
61 27.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.383 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

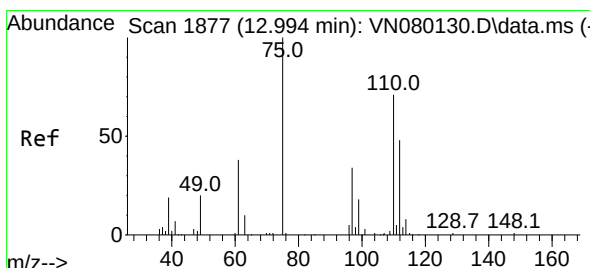
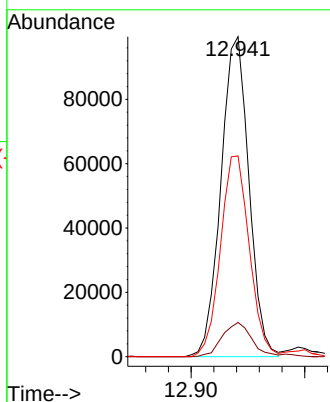
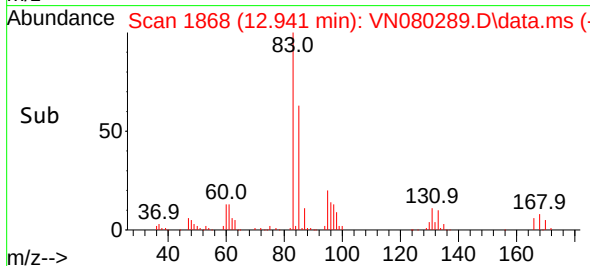
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



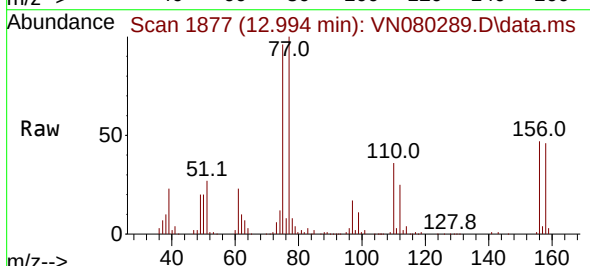
Tgt Ion: 83 Resp: 170638
Ion Ratio Lower Upper
83 100
131 11.6 5.0 15.0
85 64.6 31.9 95.7

Manual Integrations
APPROVED

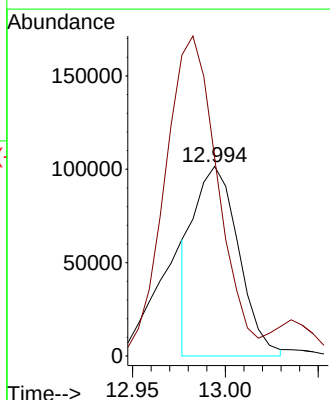
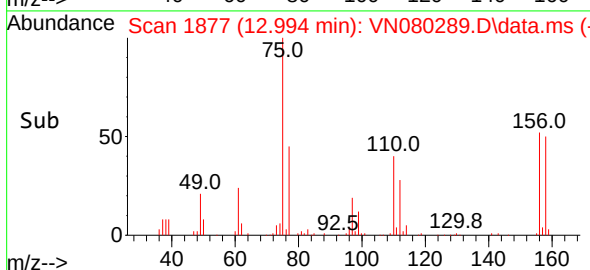
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

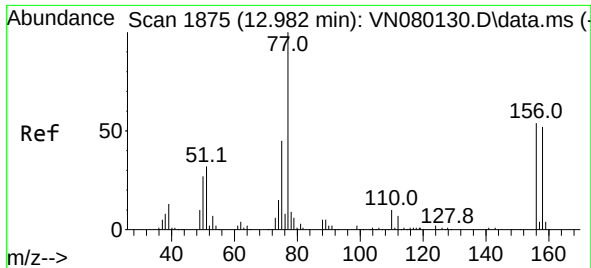


#76
1,2,3-Trichloropropane
Concen: 41.667 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



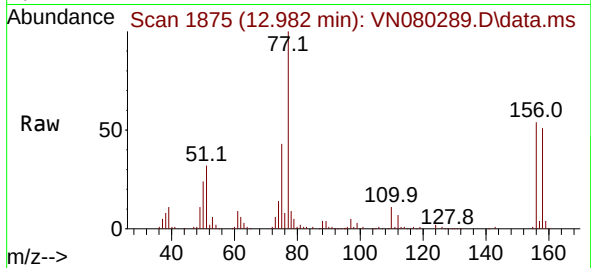
Tgt Ion: 75 Resp: 168767
Ion Ratio Lower Upper
75 100
77 201.6 84.5 253.5





#77
Bromobenzene
Concen: 50.778 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

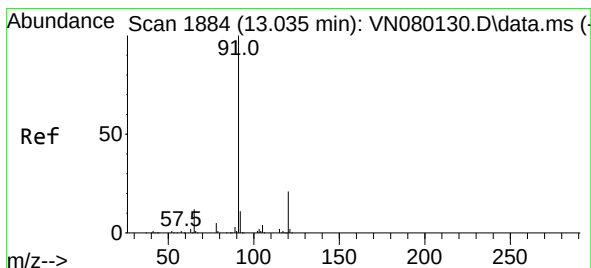
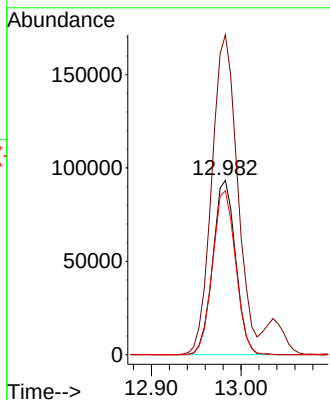
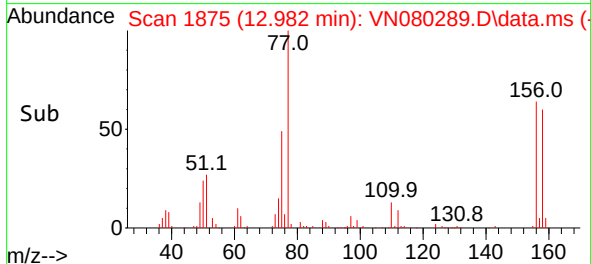
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



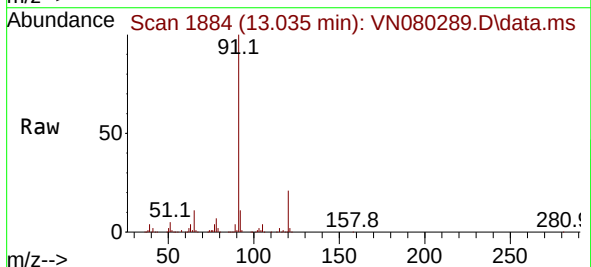
Tgt Ion:156 Resp: 164454
Ion Ratio Lower Upper
156 100
77 206.9 107.7 323.3
158 95.5 48.4 145.3

Manual Integrations
APPROVED

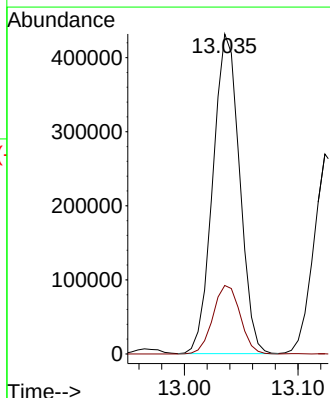
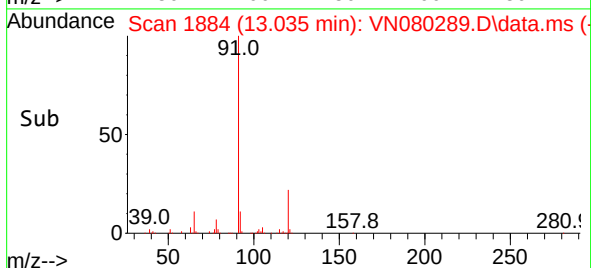
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

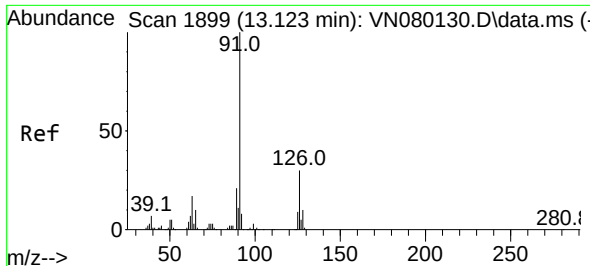


#78
n-propylbenzene
Concen: 49.107 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



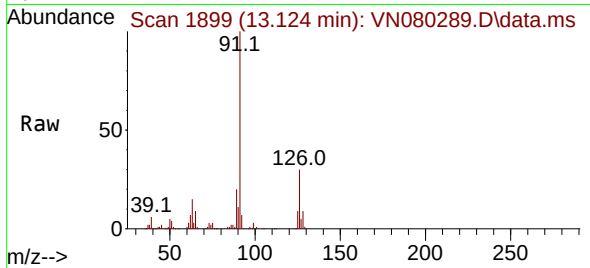
Tgt Ion: 91 Resp: 705399
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.887 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

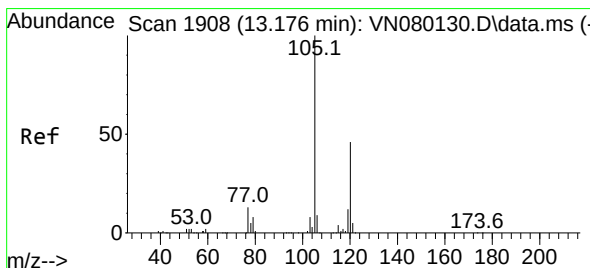
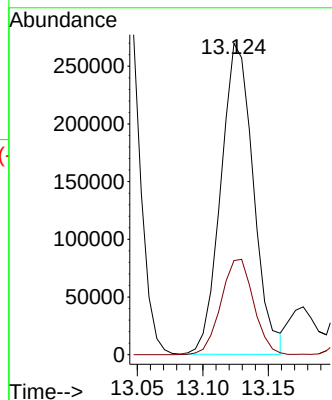
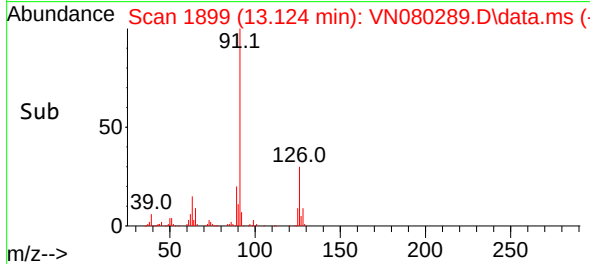
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



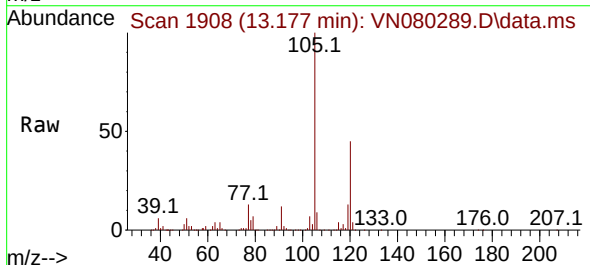
Tgt Ion: 91 Resp: 46543
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8

Manual Integrations
APPROVED

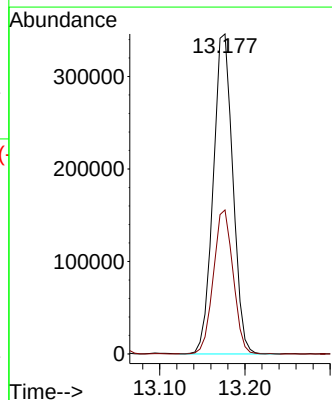
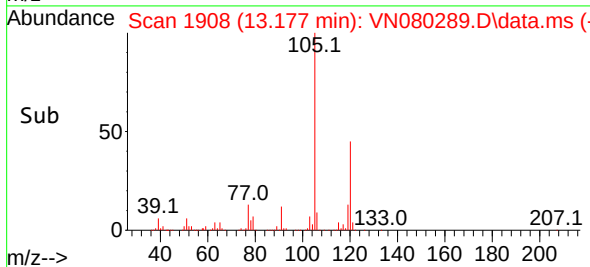
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

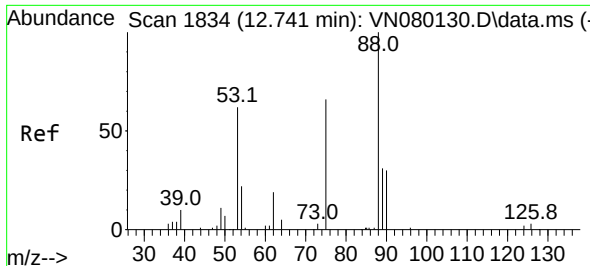


#80
1,3,5-Trimethylbenzene
Concen: 49.661 ug/l
RT: 13.177 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



Tgt Ion:105 Resp: 555324
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





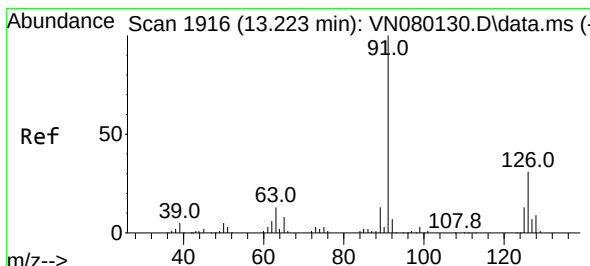
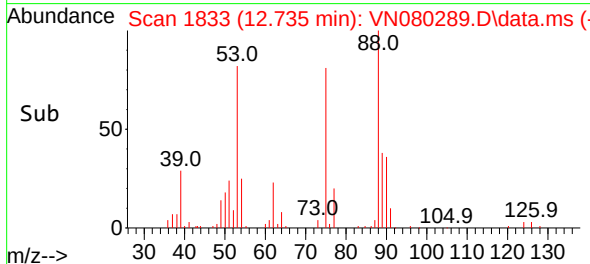
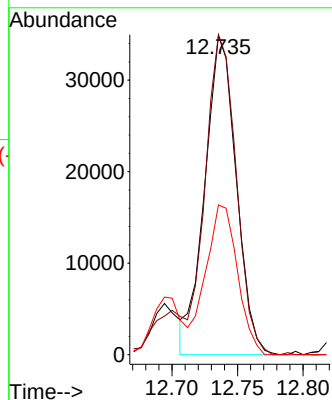
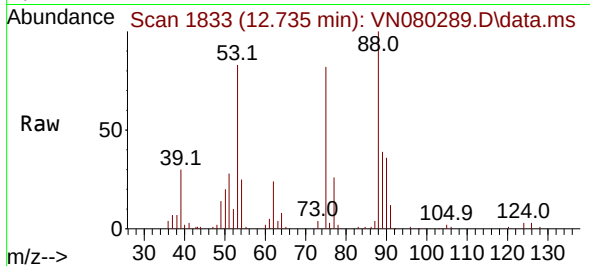
#81
trans-1,4-Dichloro-2-butene
Concen: 48.438 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 58069
Ion Ratio Lower Upper
75 100
53 112.7 67.4 101.2
89 47.3 38.8 58.2

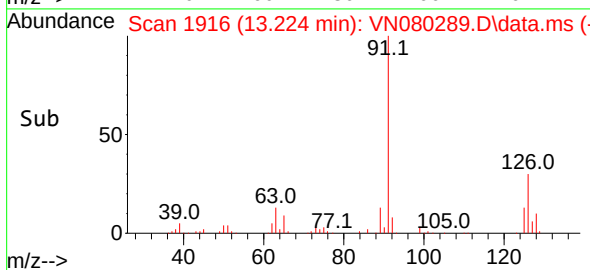
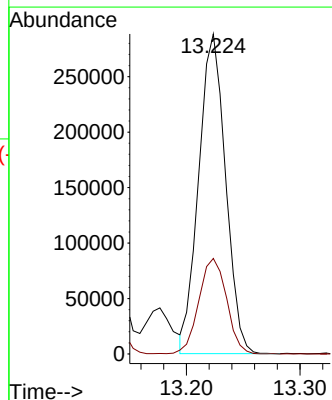
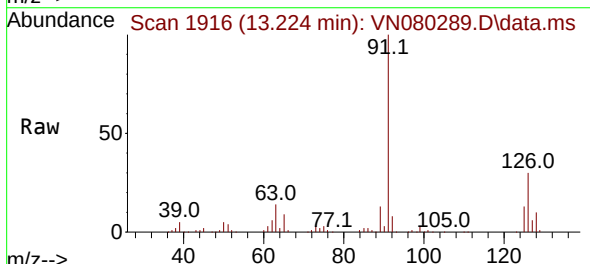
Manual Integrations
APPROVED

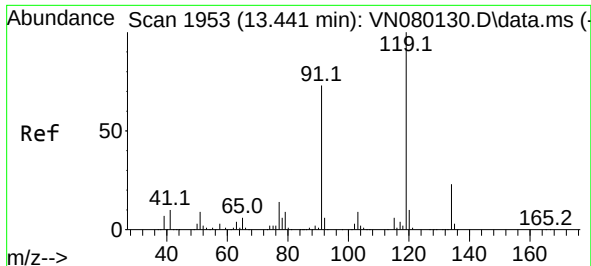
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#82
4-Chlorotoluene
Concen: 49.501 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

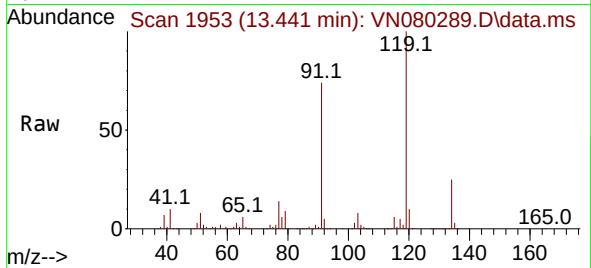
Tgt Ion: 91 Resp: 473124
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.752 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

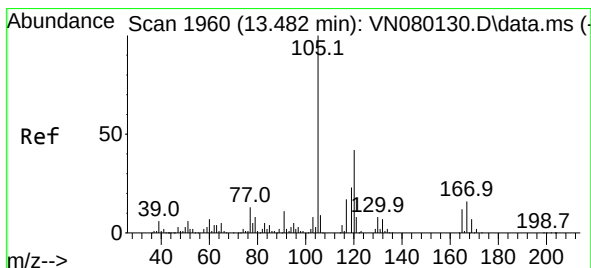
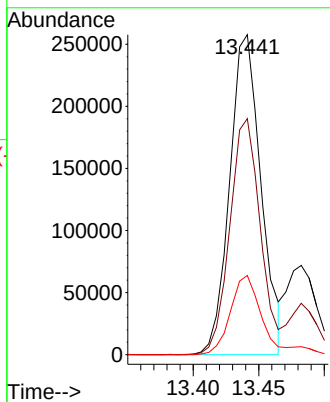
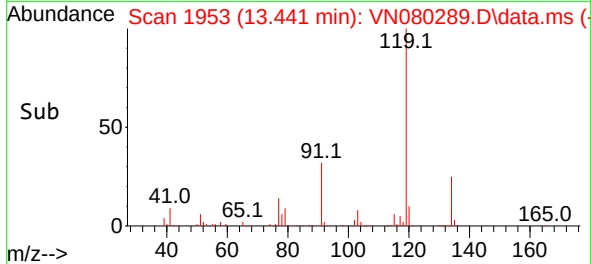
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



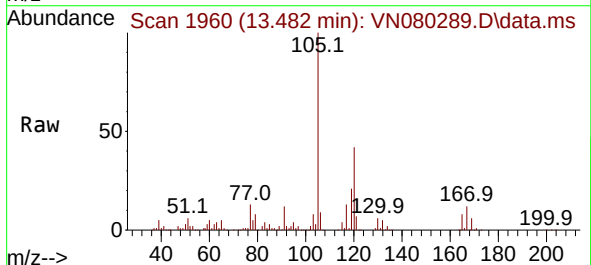
Tgt Ion:119 Resp: 428208
Ion Ratio Lower Upper
119 100
91 71.6 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

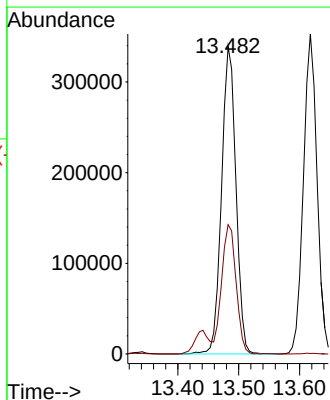
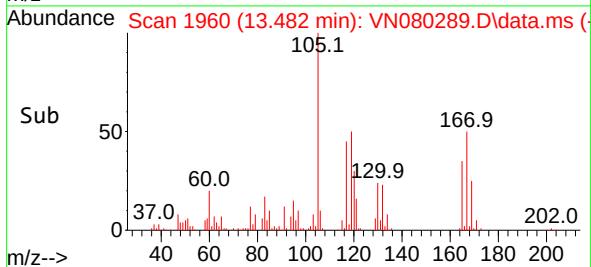
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

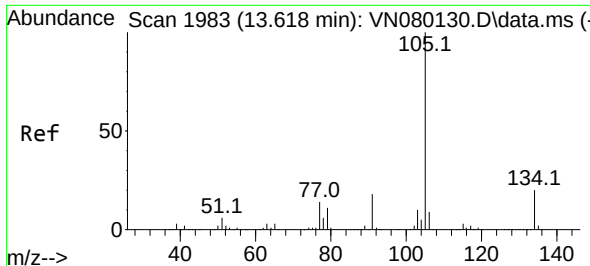


#84
1,2,4-Trimethylbenzene
Concen: 50.550 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



Tgt Ion:105 Resp: 556604
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.274 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080289.D
 Acq: 28 Nov 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

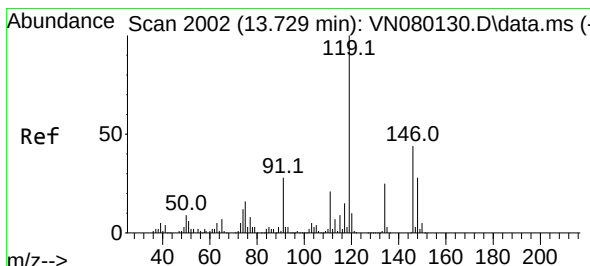
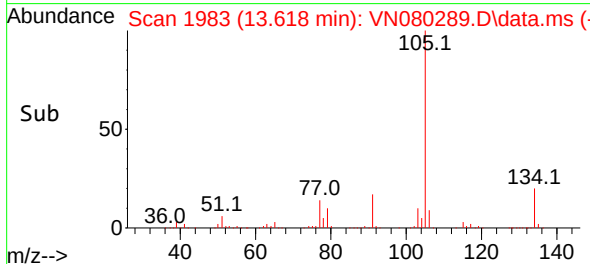
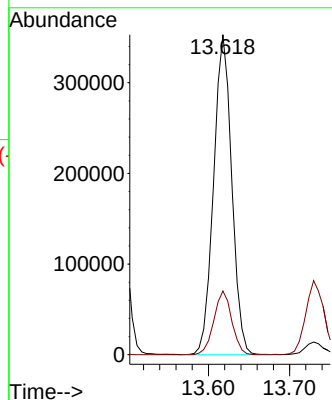
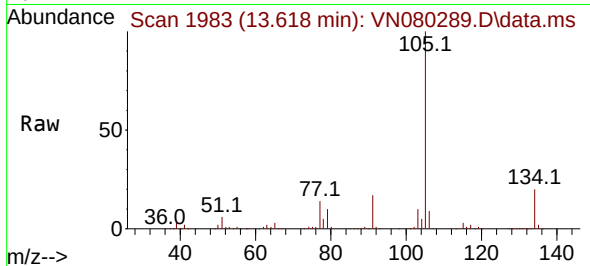
VSTDCCC050

Tgt Ion:105 Resp: 547618
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations

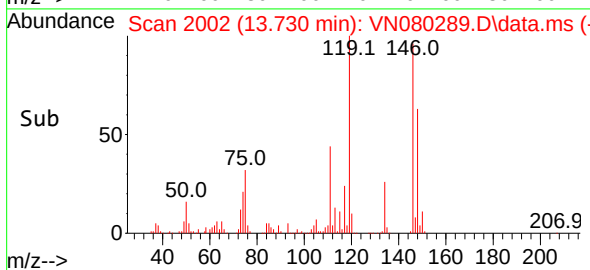
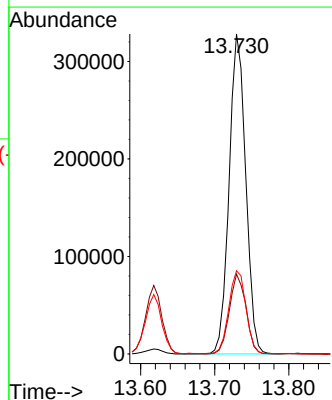
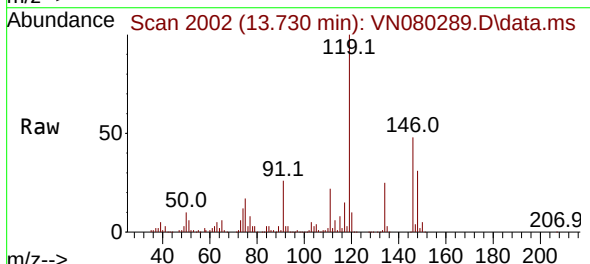
APPROVED

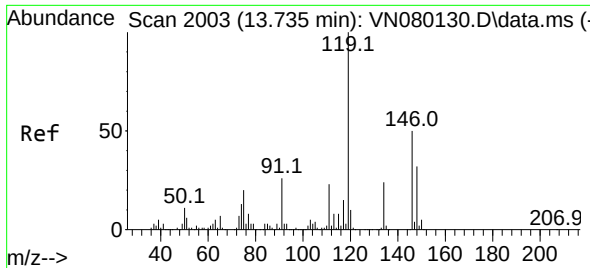
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#86
 p-Isopropyltoluene
 Concen: 50.361 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080289.D
 Acq: 28 Nov 2023 11:45

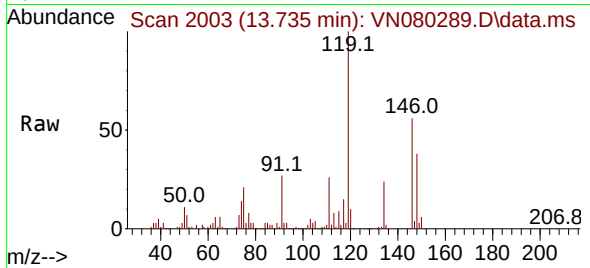
Tgt Ion:119 Resp: 510340
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.508 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

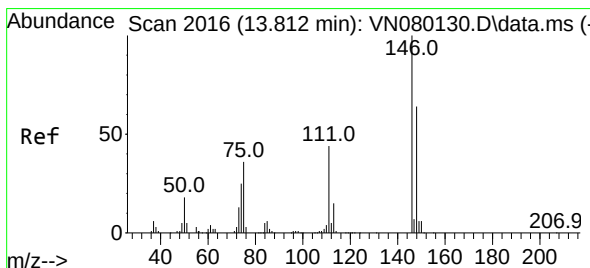
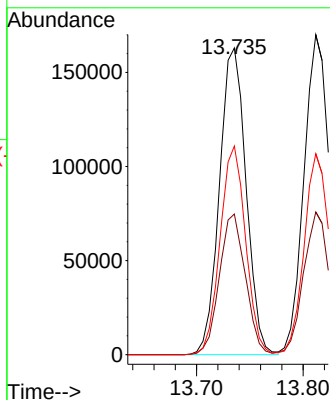
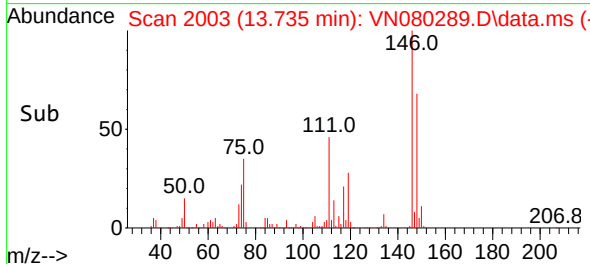
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



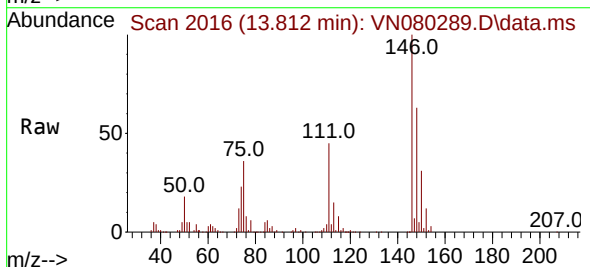
Tgt Ion:146 Resp: 283050
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.3
148 65.2 32.0 96.0

Manual Integrations
APPROVED

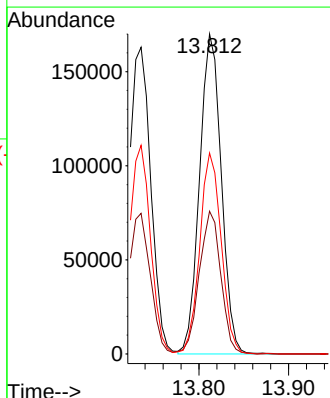
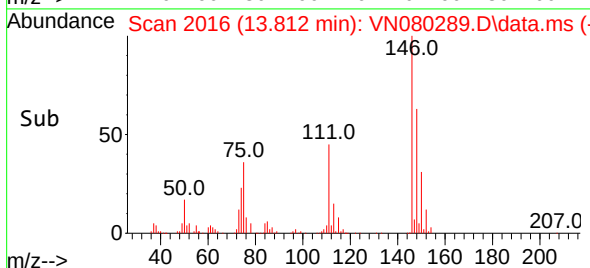
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

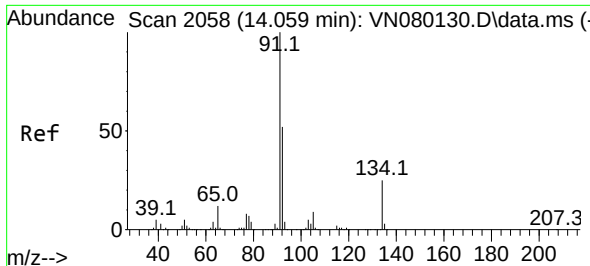


#88
1,4-Dichlorobenzene
Concen: 48.782 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45



Tgt Ion:146 Resp: 286054
Ion Ratio Lower Upper
146 100
111 44.4 20.6 61.8
148 62.1 31.6 94.8





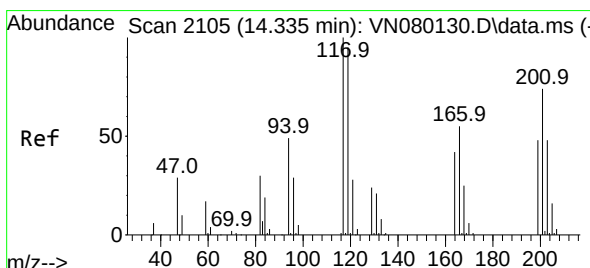
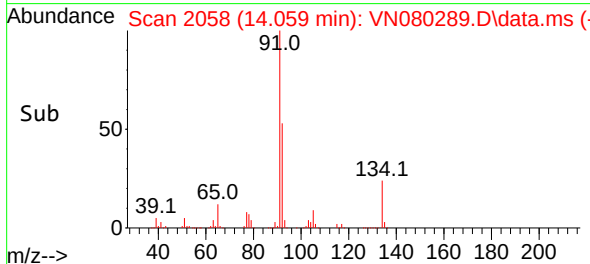
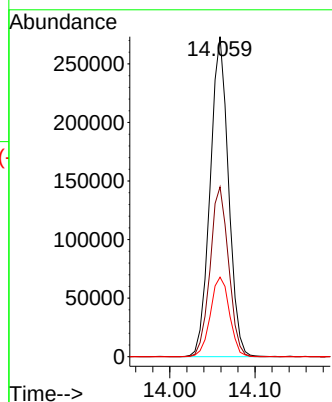
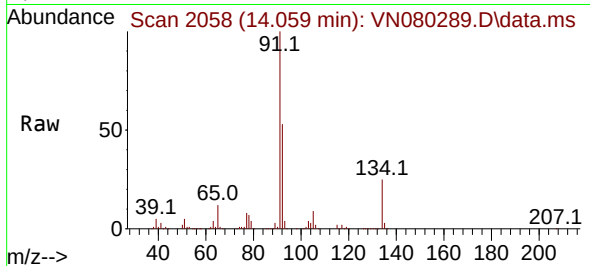
#89
n-Butylbenzene
Concen: 48.146 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 40836
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 25.8 12.6 37.6

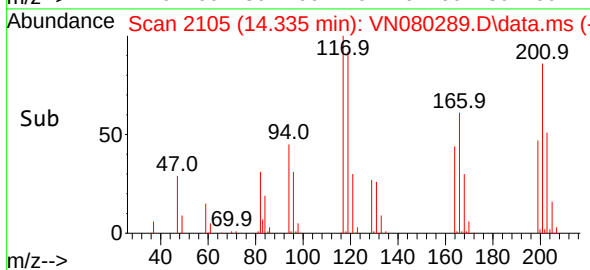
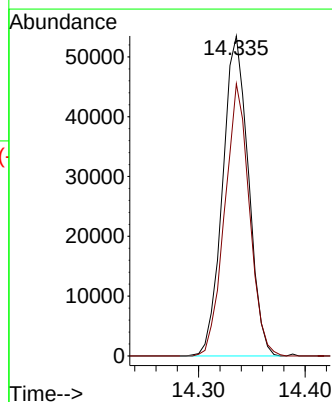
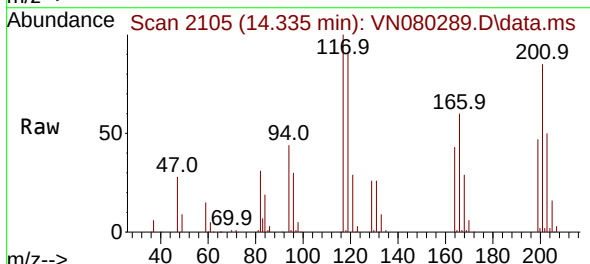
Manual Integrations
APPROVED

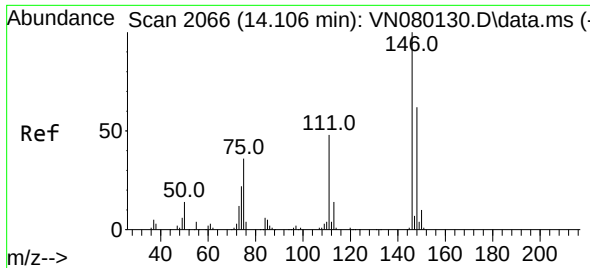
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#90
Hexachloroethane
Concen: 45.439 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion:117 Resp: 89768
Ion Ratio Lower Upper
117 100
201 81.4 29.3 88.0





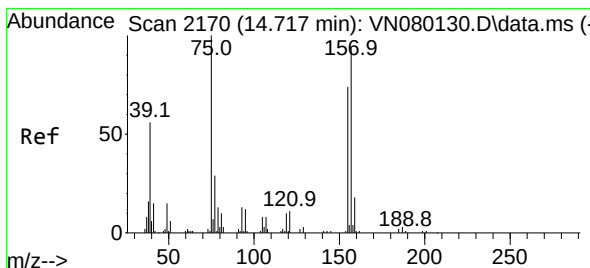
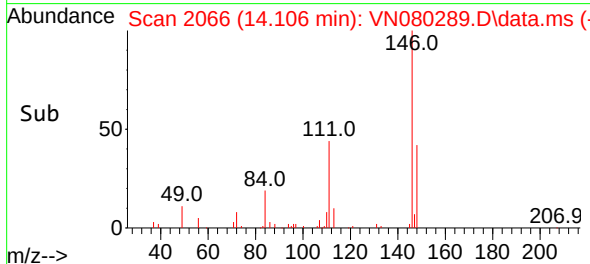
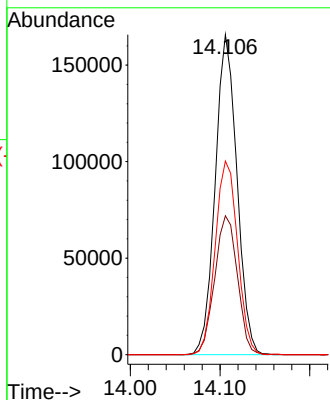
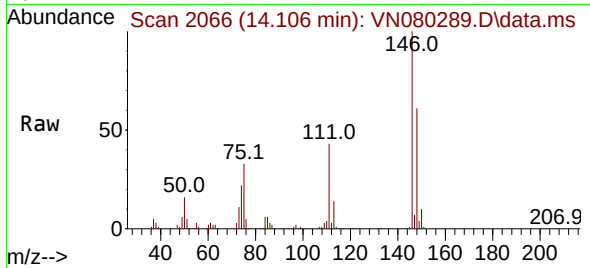
#91
1,2-Dichlorobenzene
Concen: 49.922 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 27875
Ion Ratio Lower Upper
146 100
111 45.6 22.0 66.0
148 62.3 31.8 95.3

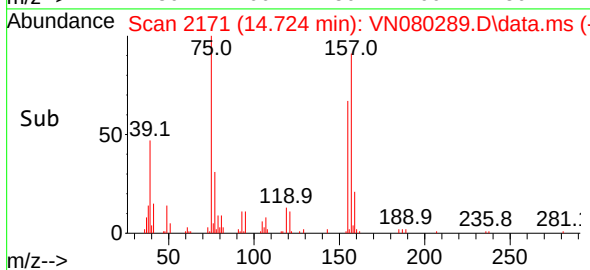
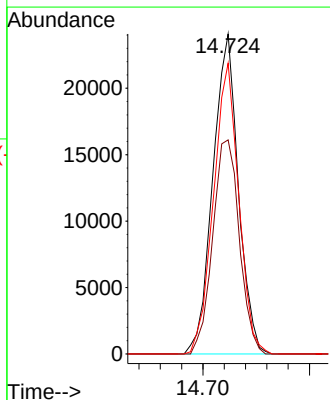
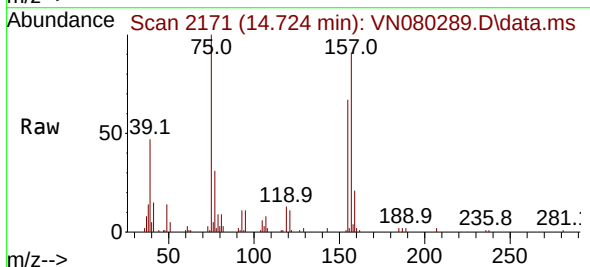
Manual Integrations
APPROVED

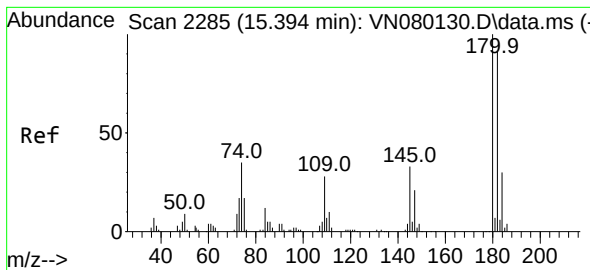
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.672 ug/l
RT: 14.724 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

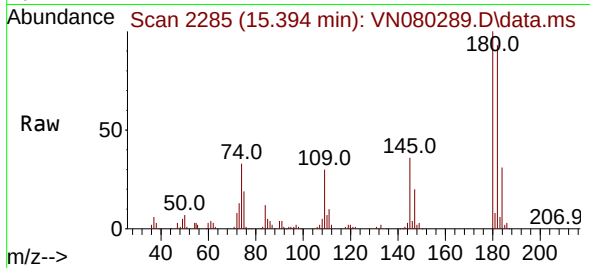
Tgt Ion: 75 Resp: 39893
Ion Ratio Lower Upper
75 100
155 70.1 39.1 117.2
157 90.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.113 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

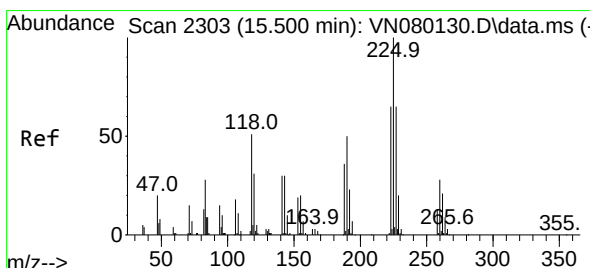
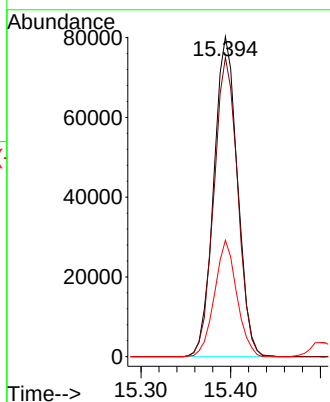
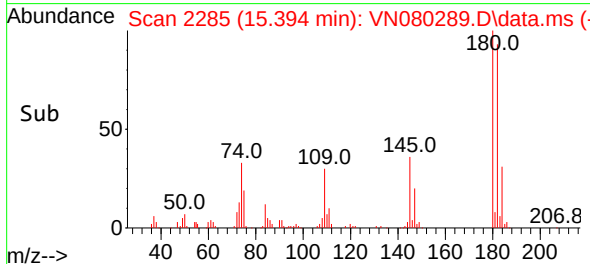
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 146510
Ion Ratio Lower Upper
180 100
182 94.2 46.1 138.2
145 34.4 16.6 49.8

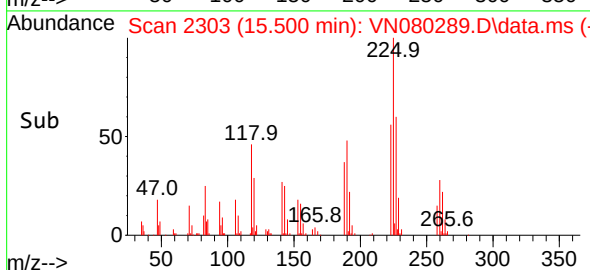
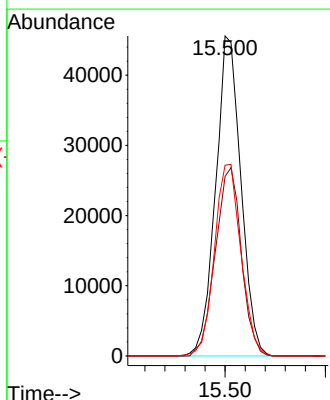
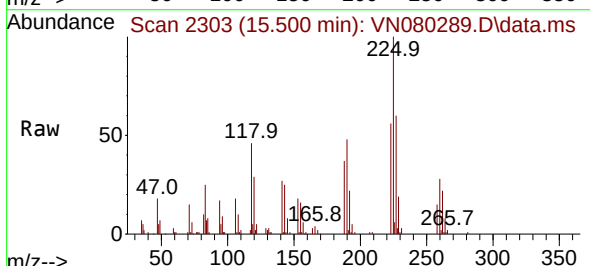
Manual Integrations
APPROVED

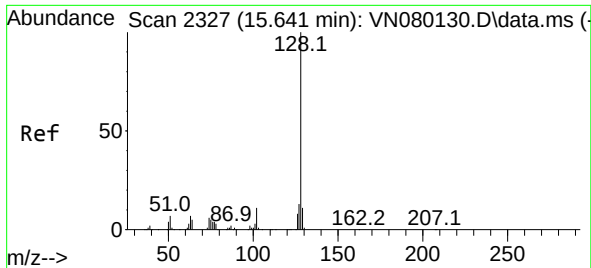
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#94
Hexachlorobutadiene
Concen: 42.632 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion:225 Resp: 79674
Ion Ratio Lower Upper
225 100
223 60.4 31.3 93.8
227 62.9 31.9 95.9





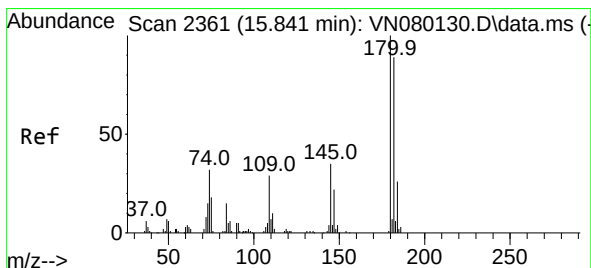
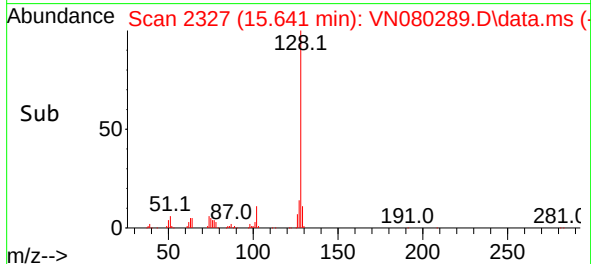
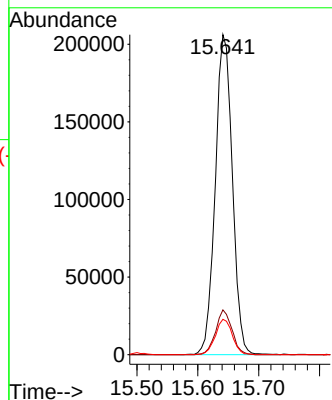
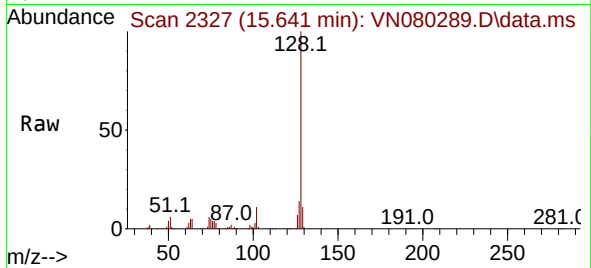
#95
Naphthalene
Concen: 42.666 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 401800
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.566 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080289.D
Acq: 28 Nov 2023 11:45

Tgt Ion:180 Resp: 138703
Ion Ratio Lower Upper
180 100
182 93.4 46.2 138.6
145 35.1 17.5 52.6

